

DAIRYMANS SPECIAL

**OPERATOR'S MANUAL
PARTS BOOK**

WARRANTY

Haybuster Mfg. Inc., warrants to the original purchaser for one year from purchase date that this product will be free from defects in material and workmanship when used as intended and under normal maintenance and operating conditions. This warranty is limited to the replacement of any defective part or parts returned to our factory in Jamestown, N.D., within thirty (30) days of failure.

This warranty shall become void if in Haybuster Mfg. Inc.'s., judgment the machine has been subject to misuse, negligence, alterations, damaged by accident or lack of required normal maintenance, or if the product has been used for a purpose for which it was not designed.

All claims for warranty must be made through the dealer which originally sold the product and all warranty adjustments must be made through same.

This warranty does not apply to tires or bearings or any other trade accessories not manufactured by Haybuster Mfg. Inc. Buyer must rely solely on the existing warranty, if any, of these respective manufacturers.

Haybuster Mfg. Inc., shall **not** be held liable for damages of any kind, direct, contingent, or consequential to property under this warranty. Haybuster Mfg. Inc., cannot be held liable for any damages resulting from causes beyond its control. Haybuster Mfg. Inc., shall **not** be held liable under this warranty for loss of crops, or rental costs or any expense or loss for labor or supplies.

Haybuster Mfg. Inc., reserves the right to make changes in materials and/or designs of this product at any time without notice.

This warranty is void if Haybuster Mfg. Inc., does not receive a valid warranty registration card at its office in Jamestown, N.D., within 10 days from date of original purchase.

All other warranties made with respect to this product, either expressed or implied, are hereby disclaimed by Haybuster Mfg. Inc.

SAFETY INSTRUCTIONS

The safety of the operator is of great importance to Haybuster Manufacturing Company. We have provided decals, shields, and other safety features to aid you in using your machine safely. In addition, we ask you to be a careful operator who will properly use and service your Haybuster equipment.

WARNING: BEFORE ATTEMPTING TO OPERATE THIS MACHINE, CAREFULLY READ ALL INSTRUCTIONS CONTAINED WITHIN THIS MANUAL. ALSO THE INSTRUCTION MANUAL PROVIDED WITH YOUR TRACTOR.

BEFORE OPERATING

1. Read and follow all instructions contained in:
 - a. this 256 Dairymans Special operator's manual
 - b. tractor operator's manual
 - c. decals placed on the Dairymans Special.

NOTE: Additional copies of the above mentioned materials can be obtained from your dealer.

2. Allow only responsible, properly instructed individuals to operate your machine. Carefully supervise inexperienced operators.
3. Use a tractor which meets the tractor requirements contained within this manual. Additional weights may be necessary.
4. Make sure the machine is in good operating condition and that all protective shields are in place and in proper working order. Replace damaged shields before operating.
5. Be sure all bystanders and other workers are clear before starting tractor and bale buster.

6. Make no modifications to the machine unless specifically recommended or requested by Haybuster Manufacturing Company.
7. Check periodically for breaks or unusual wear and make any necessary repairs.
8. Be sure the unit is securely attached to a tractor of equal or greater weight than the bale buster and bale.

DURING OPERATION

1. Enforce the following safety precautions and others contained in this manual to prevent serious personal injury or death due to accidental contact with rotating flails.
 - a. Everyone must be kept clear of work area except operator seated at tractor controls.
 - b. Never work on or near Dairymans Special unless engine is shut off and flails stopped.
 - c. Disengage PTO and make sure everyone is clear of machine before starting engine.

SAFETY INSTRUCTIONS

DURING OPERATION (Cont.)

2. Enforce the following safety precautions and others contained in this manual to prevent injury due to accidental contact with flying material thrown by flails.
 - a. Keep bystanders away from work area.
 - b. Keep shields in place and in good condition.
 - c. Watch out for and avoid any object that might interfere with the proper operation of the machine.
 - d. Replace missing or damaged flails.
3. Power takeoff shafts must be locked in place with protective shields in place.
4. Keep hands, feet and clothing away from power driven parts.
5. Never leave tractor controls unattended while the engine is running.
6. Never allow riders on the machine at any time.
7. Be sure the tractor operator is the only person riding on the tractor.
8. Exercise extreme care when operating on rough and/or steep terrain. Avoid operation on terrain which is excessively rough or steep.
9. Objects are thrown by machine. Stay clear of discharge side of machine unless operator has stopped tractor engine and machine has stopped rotating.
10. Do not allow anyone to position themselves in line with P.T.O. or any other rotating parts while processor is being operated.
11. Winch for rotating fan housing is equipped with a latch to lock winch handle.

DURING SERVICE & MAINTENANCE

1. Before working on or near bale buster for any reason, including servicing, cleaning, unplugging, or inspecting machine, use normal shut-down procedures unless instructed differently in this manual.
2. Check periodically and tighten any loose bolts or connections.
3. Use only replacement parts that are recommended by Haybuster Manufacturing Company.
4. If it is necessary to operate the tractor engine indoors for more than a few seconds, be sure to provide enough ventilation to remove the tractor exhaust gases.
5. Hydraulic fluid escaping under pressure can be invisible and have enough force to penetrate the skin. When searching for a suspected leak, use a piece of wood or cardboard rather than your hands. If injured seek medical attention immediately to prevent serious infection or reaction.
6. Relieve all pressure in the hydraulic system before disconnecting the hose or performing other work on the system. Make sure all connections are tight and the hose is in good condition before applying pressure to the system.

DURING TRANSPORT

1. Use good judgment and drive slowly over rough or uneven terrain.
2. Be sure tractor brakes are properly adjusted and foot pedals locked together.
3. Check your state laws regarding the use of lights, slow moving vehicle sign, safety chain and other possible requirements. During transport, it is recommended that the bale deflector be pivoted inward for highway travel. Fan spout should be in the folded position while transporting.

SAFETY INSTRUCTIONS

WARNING: FAILURE TO COMPLY WITH THE ABOVE SAFETY INSTRUCTIONS OR THOSE THAT FOLLOW WITHIN THIS MANUAL COULD RESULT IN SEVERE PERSONAL INJURY OR DEATH.

THIS MACHINE IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS INTENDED AS EXPLAINED IN THE OPERATOR'S MANUAL, ADVERTISING, LITERATURE OR OTHER HAYBUSTER WRITTEN MATERIAL PERTAINING TO THE 256 DAIRYMANS SPECIAL.

SAFETY DECALS

The safety decals located on your machine contain important and useful information that will help you operate your equipment safely.

To assure that all decals remain in place and in good condition, follow the instructions given below:

1. Keep decals clean. Use soap and water — not mineral spirits, adhesive cleaners and other similar cleaners that will damage the decal.
2. Replace all damaged or missing decals. When attaching decals, surface temperature of the machine must be at least 40°F (5°C). The surface must also be clean and dry.
3. When replacing a machine component to which a decal is attached, be sure to also replace the decal.
4. Replacement decals can be purchased from your Haybuster dealer.

HAYBUSTER 256 DAIRYMANS SPECIAL SPECIFICATIONS

| | |
|--|--|
| Cylinder Length | 72" |
| Cylinder Diameter w/Flail Extended | 24 ³ / ₄ " |
| Flails | 18 |
| Wheels | 2 - Stationary |
| Tire Size | 9.5L-14 8 Ply |
| PTO | 1000 RPM |
| Hydraulics | Single 15 G.P.M. Min. 1500 P.S.I. |
| Working Position | |
| Length | 185" |
| Width | 98"-126" |
| Height | 118" w/Bale 124" w/Spout Extension |
| Transport Position | |
| Length | 185" |
| Width | 98" |
| Height | 98" |
| Load Capacity | One Bale 5 ¹ / ₂ ' x 6 ¹ / ₂ ' |
| Bale Weight | Max. 2000 Lbs. |
| Weight | 4560 |
| Options | |
| Screens | 3 ¹ / ₄ " x 9 ¹ / ₂ " Screen Blank Screen, 6 ¹ / ₄ " x 9 ¹ / ₂ " Screen, 4 ¹ / ₄ " x 9 ¹ / ₂ " Screen |
| Spout Extension | 24" |
| HP | 80 Maximum |

TABLE OF CONTENTS 1

| | |
|----------------------------------|-------|
| Introduction | 2 |
| Before Operating | 3 |
| Maintenance & Adjustments | 4 |
| Operation | 5-7 |
| Lubrication | 8 |
| Troubleshooting | 9-11 |
| Drive System | 12-13 |
| Auger Pan | 14-15 |
| Fan Assembly | 16-17 |
| Winch - Flow Control | 18-19 |
| Shredder | 20-23 |
| Rear Shields - Rack | 24-25 |
| Bale Conveyor Assembly | 26-27 |
| Conveyor Rack | 28-29 |
| Axles & Wheels | 30 |
| Hydraulics | 31 |
| P.T.O. Assembly Parts List | 32 |
| Power Shaft Assembly | 33 |
| Orbit Motor | 34 |
| Flow Control Valve | 35 |
| Spout Extension (Option) | 36-37 |
| Decals | 38-39 |

2 INTRODUCTION

Your Model 256 Dairyman's Special is designed to shred all types of forage including round bales up to 2,000 pounds, or 66 inches in length and approximately 78 inches in diameter.

The BALE BUSTER has multiple uses:

1. Laying windrows in open fields
2. Filling feed bunks — fence line, circular, etc.
3. Spreading forage for livestock bedding
4. Spreading mulch over perennial plants, such as strawberries, mushrooms, etc.

The purpose of this owner's manual is to explain maintenance requirements and routine adjustments for the most efficient operation of your BALE BUSTER. There is also a trouble shooting section which may help in case of any problems in the field. Any information not covered in this manual may be obtained from your dealer or the factory.

When reference is made as to front, rear, right hand or left hand of machine, the reference is always made by viewing rear of machine.

Always use serial number and model number when referring to parts or problems.

Model _____ Serial No. _____

PRE-OPERATING CHECKS

Before operating the Dairymans Special, follow these instructions:

1. Read and have a thorough understanding of the operator's manual, especially the sections pertaining to machine operation and safety.
2. Be sure anyone who will assist you in the operation of this machine knows how the machine operates.
3. Know the machine's safety features and understand the safety precautions.
4. Be sure the machine is hitched properly to the tractor.
5. Be sure all lubrication points have been lubricated.
6. Give the machine a "once-over" for any loose bolts.
7. Make sure machine is properly adjusted. See Adjustments, page 4.
8. Make sure all shields and guards are in place.

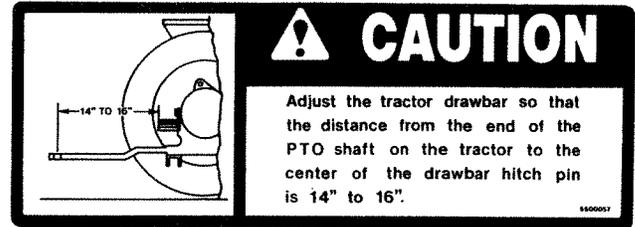
TRANSPORTATION

Check your state laws regarding the use of lights, slow moving vehicle sign, safety chain and other possible requirements. During transport, it is recommended that the bale deflector be pivoted inward for highway travel. Fan spout should be in the folded position while transporting.

HITCHING TO THE TRACTOR

1. For safe P.T.O. operation, horizontal distance from the center of the drawbar pin to the end

of the tractor P.T.O. shaft should be as shown.



To reduce wear on the P.T.O. shaft knuckle joints, tractor P.T.O. shaft should be in line (parallel) with the Bale Buster. If tractor is equipped with swinging drawbar, adjust so that tractor P.T.O. and Bale Buster drive shaft are in line.

WARNING: To avoid putting excess strain on P.T.O. between tractor and shredder, always keep tractor and shredder as straight in line as possible while in use.

DANGER: Flying debris from a rotating P.T.O. can cause serious injury or death.

CAUTION: To insure a safe hook-up, the Bale Buster should be hooked to the tractor with a 1" locking pin.

2. Raise the jack. Pull the lock pin and store in the transport position.
3. Attach the P.T.O. shaft to the tractor P.T.O. shaft. Depress the button on the coupling and slide the coupling onto the splined shaft. Make sure the spring loaded safety catch is properly seated.
4. If required, install the safety chain. Check local regulations regarding safety chain requirements.
5. Connect the two hydraulic hoses from the bale conveyor flow control valve to the hydraulic couplers on the tractor.

4 MAINTENANCE AND ADJUSTMENTS

CAUTION: Before performing any maintenance or adjustments, make sure machine is NOT running. If for any reason arc welding is to be done, always ground cylinder to frame of machine to prevent arcing in bearings.

1. Remove ignition key to prevent accidental startup while working on or inside of machine.
 2. Check for loose or badly worn bolts.
 3. Check for loose or misaligned sprockets on bale conveyor.
 4. Conveyor chain should be adjusted to allow lifting slat 1 inch to 1½ inches above deck.
 5. Follow Lubrication Chart.
 6. Inspect rotor and all rotating parts for twine or wire build-up.
 7. Check air pressure in tires, 40 lbs.
 8. Grate in front of rotor may be adjusted to expose more or less of the flail knives.
 9. Belts — Adjustment has been provided for tightening main drive belts. Belts tend to stretch rapidly when first put into operation. Tighten regularly to prevent slippage. Belt tension should be checked at 30 minute intervals or as necessary until stretch is eliminated. Correct belt tension can be obtained by pressing on individual belts with thumb (approximately 20 lbs.) in the center of the span. Deflection should be ½" or thickness of V-belt.
 10. Torque fail knife anchor bolts, 180 to 190 ft. lbs.
-

1. This machine is set up to operate on 1000 RPM, P.T.O. only.
 2. Machine requires only one set of hydraulic outlets from tractor to power the bale conveyor. Desired speed of conveyor is controlled by a flow control valve that can be manually operated from tractor. The feed rate is proportional to the conveyor speed. The faster the conveyor rotates the more material is fed thru the machine.
 3. Basic machine is equipped with a jack for storage. Make sure base of jack is setting on a firm surface before unhooking from tractor.
 4. The machine should be periodically inspected for twine build up. Twine build up should be kept to a minimum to reduce the fire hazard.
 5. Keep auger pan door closed during operation.
 6. Bale Feeding: Operating tractor P.T.O. at maximum RPM allows the machine to do a better job of chopping forage, reduces twine build up and allows fan to discharge more efficiently. Be sure to have rotor up to maximum RPM before putting conveyor in motion.
 7. **WARNING: After making all necessary hook-ups to tractor, be sure rotor chamber is clear of any solid objects. Make sure any bystanders are away from discharge before engaging P.T.O. Flying objects can cause serious injury or even death. Stay clear of discharge side of machine unless operator has stopped tractor engine and machine has stopped rotating. Failure to follow these instructions may result in severe personal injury or death.**
 8. Test run the Bale Buster before loading. To prevent damaging the Bale Buster always engage P.T.O. with engine idling. Look for excessive vibration, loose or broken parts. Make any necessary repairs before attempting to do any bale feeding.
-

6 OPERATION

Standard course chopping setup. Illustration #1.

When running with false bottom Ref. A installed and screen removed as in Illustration #1. All material is discharged through the fan. The feed rate will have to be gauged by the amount of material the fan can discharge.

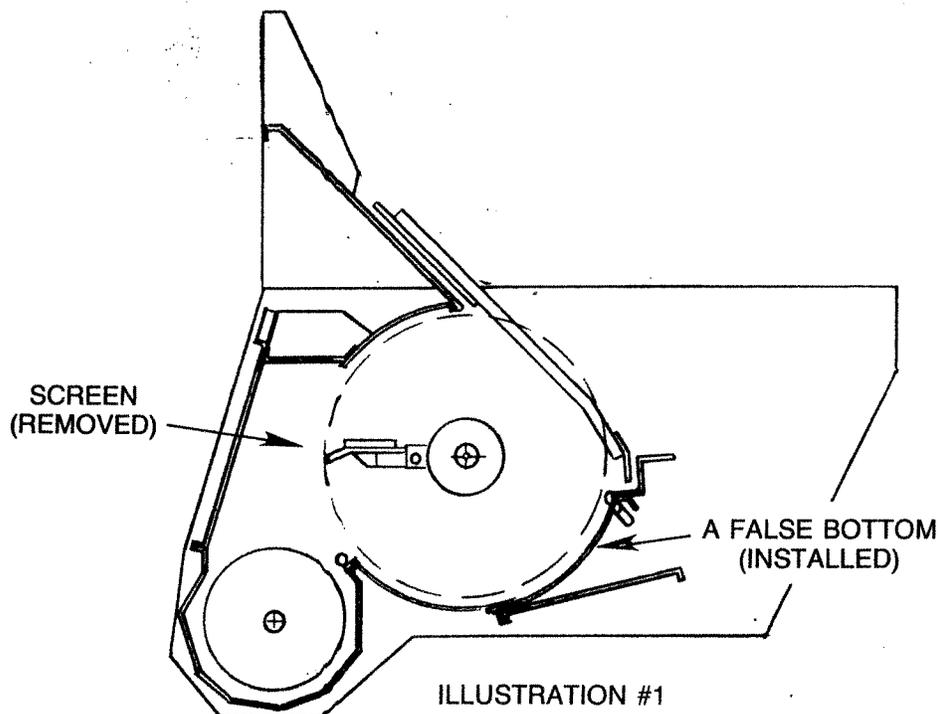
Chopping forage with screens removed allows longer unchopped material to pass thru the machine. The coarseness of the material can be regulated thru the flow control valve. Decreasing feeder speed allows flail knives to chop material finer, increasing speed leaves material coarser.

If plugging occurs with screen removed, decrease feeder speed, adjust the slug grate or install screen.

Bedding - Mulching: Can be accomplished by first folding the spout assembly back on the spout rest. This allows the chopped material to discharge directly from the fan. The distance the material is thrown and the coverage may be varied by rotating the fan housing to obtain the desired results.

Bunk Feeding: This is done with the spout latched in its working position. On the end of the spout is a deflector. This deflector can be adjusted up or down to help regulate the force the discharged material has leaving the spout. When bunk feeding, raise the spout above the bunk and use the deflector to direct the material downward. This will reduce the force helping to prevent the fan from blowing material out of the bunk.

Windrowing: With the spout latched in the working position, the deflector can be raised and the fan housing rotated to place the material in a row as desired.



Fine chopping set up. Illustration #2.

Screen Ref. B and false bottom Ref. C installed.

The coarseness of the material to be ground is determined by the hole size in the screen. The larger the hole the coarser the grind.

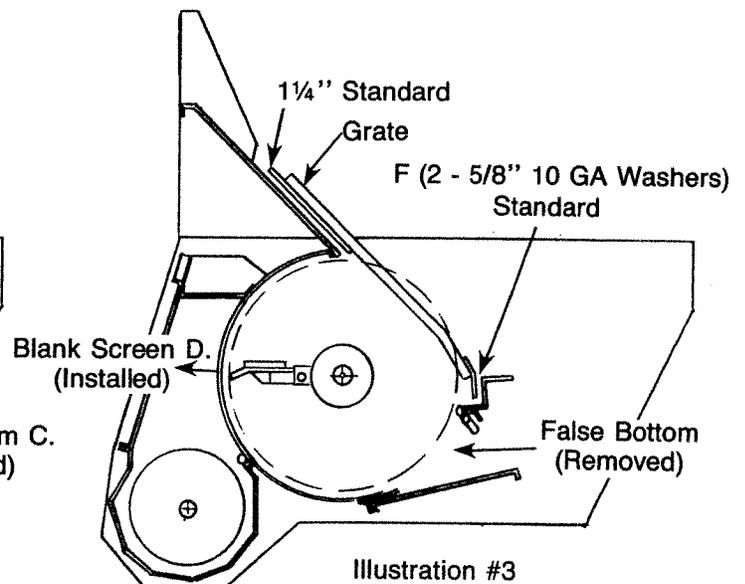
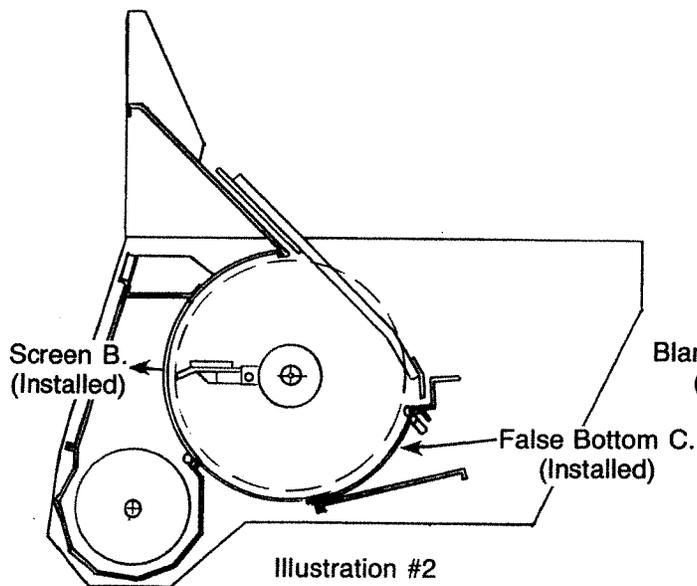
Three screen sizes are available:
9½x4¼, supplied with processor
9½x3¼, optional
9½x6¼, optional

All the material is discharged thru the fan as previously described.

Bedding - Mulching. Illustration #3.

Blank screen Ref. D. installed and false bottom removed.

All the material is discharged out of the left side of the processor. The coarseness of the chopped material can be regulated by adjusting feed rate, or adjusting the slug grate. Note only a slight change in coarseness is possible.



8 LUBRICATION

Machine has 13 points to lubricate with grease gun every 15 hours of operating time. Use good grade of lubricant.

| | |
|--|---|
| 1. Cylinder bearings | 2 |
| 2. P.T.O. universal joints and telescope shaft | 3 |
| 3. Counter shaft bearings | 3 |
| 4. Counter shaft universal joint | 1 |
| 5. Transfer auger bearings | 2 |
| 6. Fan bearings | 2 |
| 7. Wheel bearings (annually) | 2 |
| 8. Fan housing pivot | 1 |

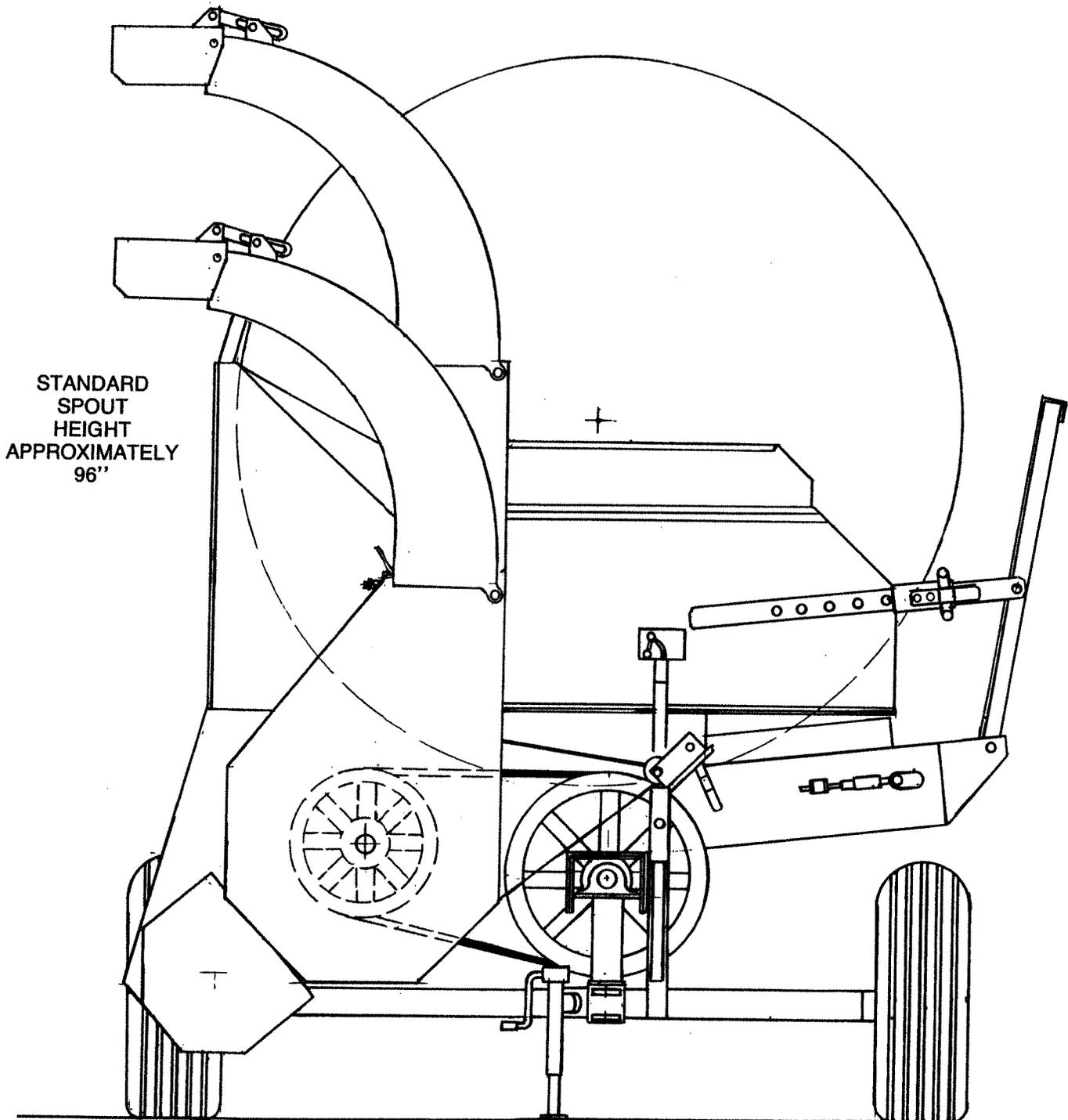
Rotating fan housing to different positions while greasing will help to distribute grease better.

CAUTION: Always shut off machine before adjusting or lubricating.

| PROBLEM | CAUSE | REMEDY |
|------------------------|-------------------------------|--|
| 1. No Capacity | 1. Bale turning too slow. | 1. Open flow control valve. |
| 2. Bale does not turn. | 1. Bale too large. | 1. Reposition bale deflector to accommodate larger bale. |
| | 2. Bale lodged in feeder. | 2. Reverse rotation of slat conveyor. |
| 3. Excessive Vibration | 1. Broken flail. | 1. Replace flail. |
| | 2. Defective cylinder bearing | 2. Replace bearing. |
| | 3. Misaligned or worn P.T.O. | 3. Replace worn part or complete |

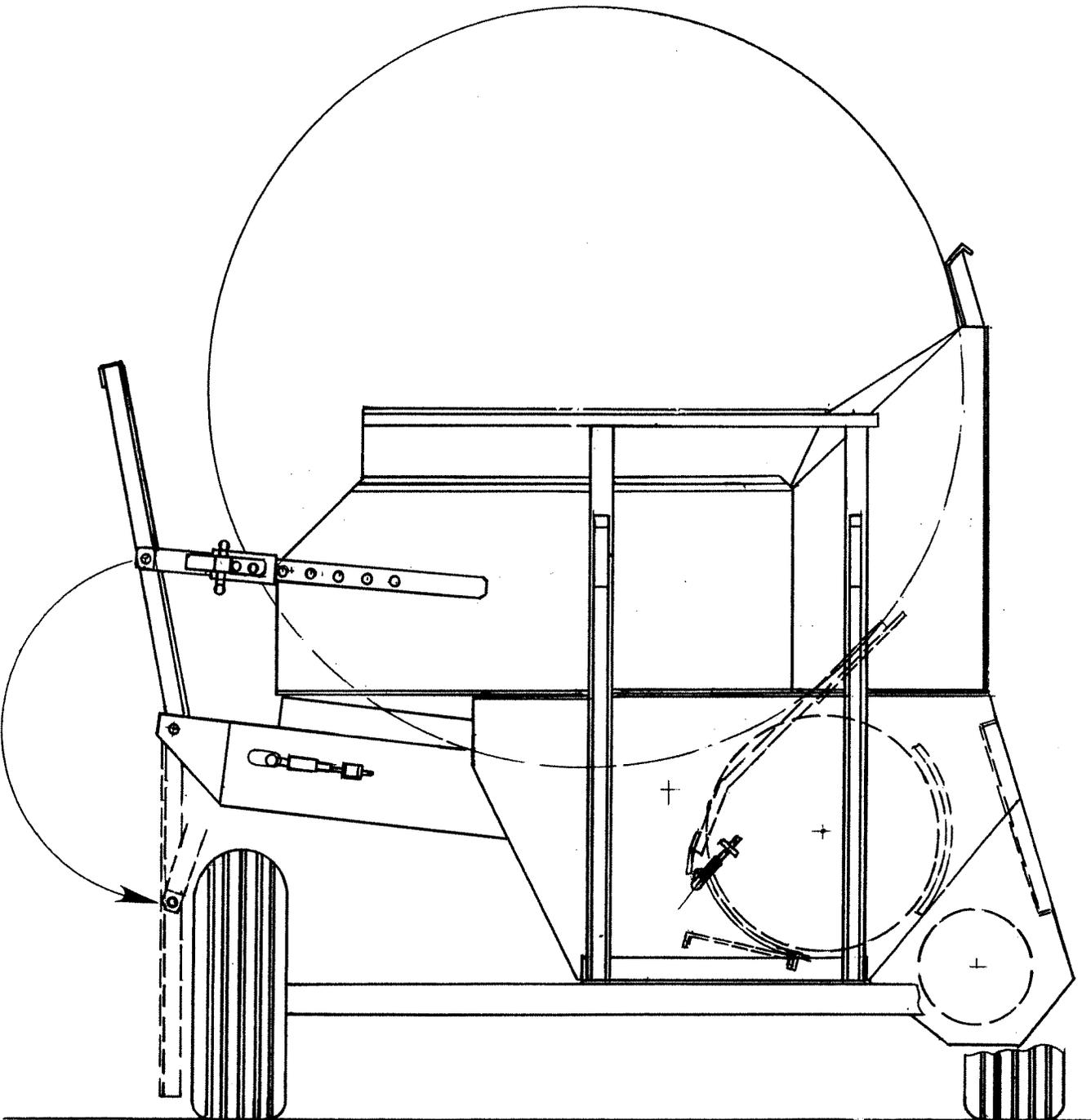
10 TROUBLE SHOOTING

SPOUT HEIGHT WITH EXTENSION APPROXIMATELY 120"



An optional 24 inch spout extension is available for blowing shredded material into any type of feeding system with high sides such as mixer wagons, etc.

Remove existing spout from fan housing. Attach spout extension to fan housing then in turn attach spout to exposed end of extension.

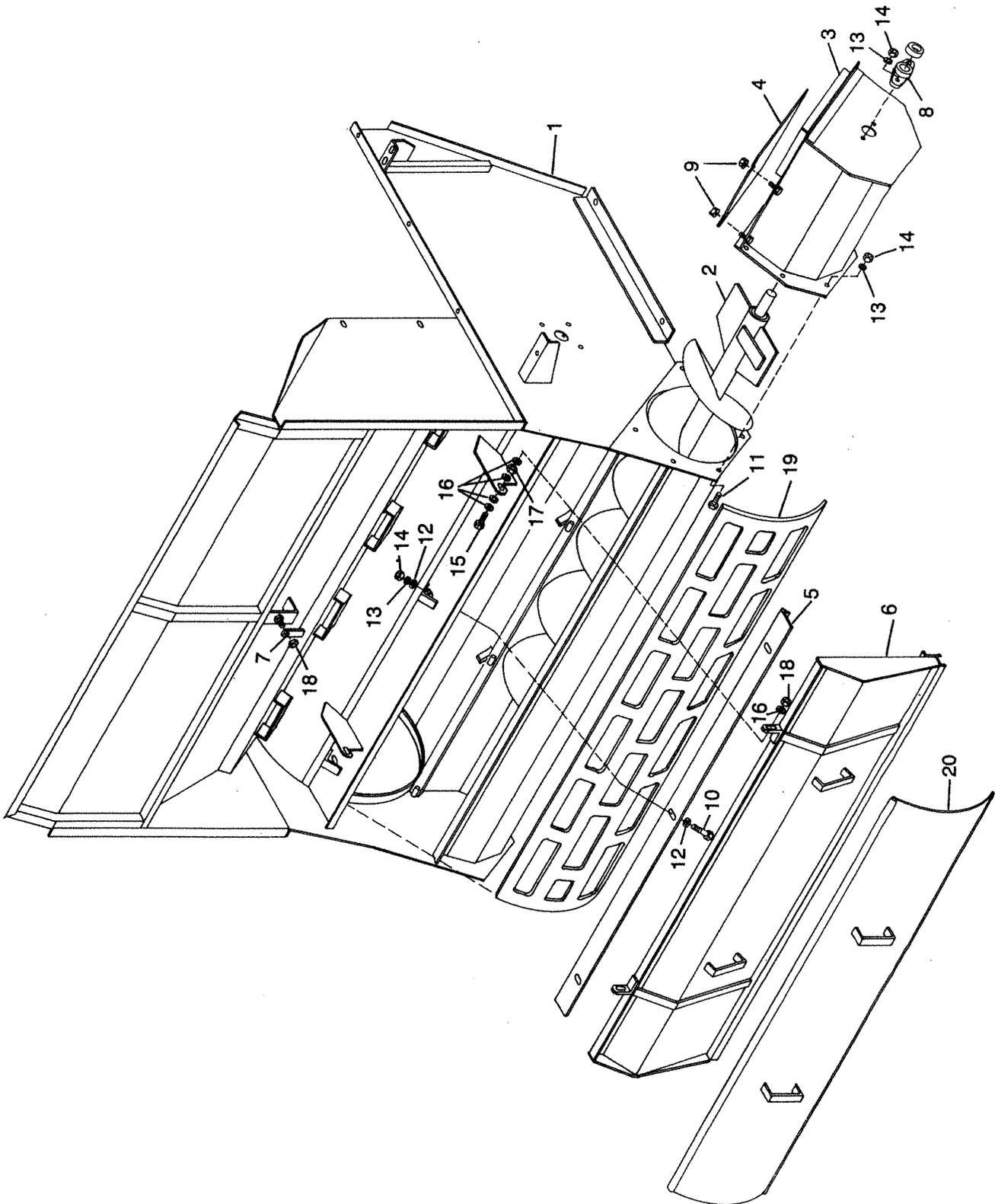


No. 6 — Rack may be lowered to allow material to be discharged off of the side of the shredder conveyor. This should be used only when necessary to perform maintenance.

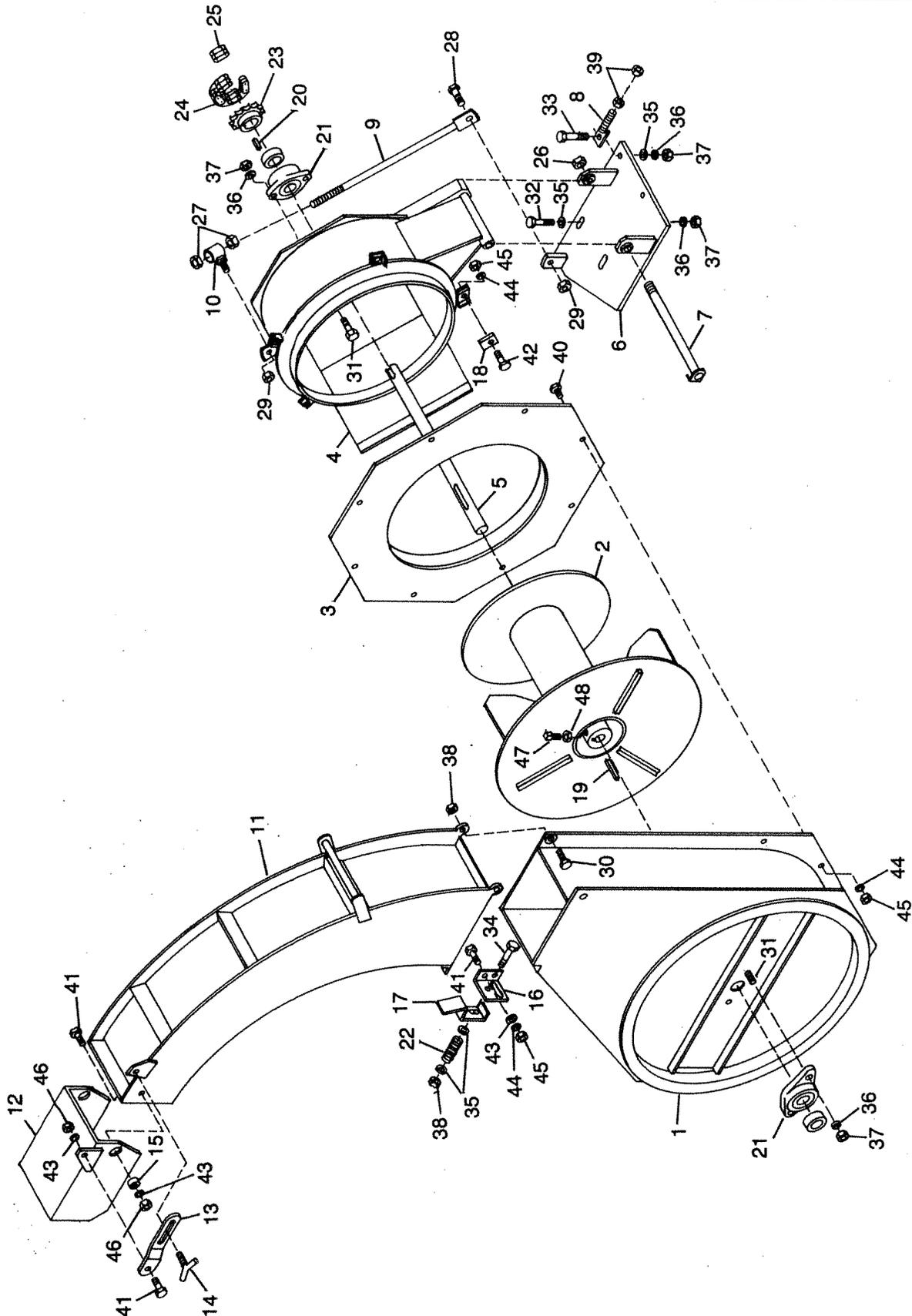
DRIVE SYSTEM 13

| Item | Part Number | Qty. | Description |
|-------------|--------------------|-------------|---|
| 1 | 8100264 | 1 | Main Frame |
| 2 | 8100265 | 1 | Shredder Frame |
| 3 | 8100266 | 1 | Front Shield |
| 4 | 8100267 | 1 | Front Shield Extension |
| 5 | 8100268 | 1 | Pulley Shield (Upper) |
| 6 | 8100269 | 1 | Pulley Shield (Lower) |
| 7 | 8100270 | 1 | Bearing Shield |
| 8 | 8100271 | 1 | Bearing Stand |
| 9 | 8100272 | 1 | Drive Bearing Mount |
| 10 | 8100273 | 1 | Drive Bearing Mount Hinge Pin |
| 11 | 8100274 | 1 | Drive Belt Adj. Rod |
| 12 | 8100275 | 1 | Drive Belt Adj. Rod Mount |
| 13 | 8300329 | 1 | Hose Clamp |
| 14 | 1100176 | 1 | Safety Chain (Not Furnished) |
| 15 | 6400001 | 1 | Jack |
| 16 | 1800005 | 3 | 1 $\frac{3}{4}$ " Pillow Block Bearing |
| 17 | 1400045 | 1 | 5S5V212 Pulley |
| 18 | 1500030 | 1 | S-1 1 $\frac{3}{4}$ " Hub |
| 19 | 6200016 | 1 | 3/8" Sq. x 4 $\frac{1}{2}$ " Lg. Key |
| 20 | 1400044 | 1 | 5R5V160 Pulley |
| 21 | 1500029 | 1 | R-1 1 $\frac{3}{4}$ " Hub |
| 22 | 6200026 | 1 | 3/8" Sq. x 3" Lg. Key |
| 23 | 1600054 | 5 | 5VX1060 Belt |
| 24 | 1900011 | 1 | 1 $\frac{3}{4}$ " - 4-Hole Flange Bearing |
| 25 | 1000143 | 1 | 60-18 1 $\frac{3}{4}$ " Bore Sprocket |
| 26 | 6200027 | 1 | 3/8" Sq. x 1 $\frac{1}{2}$ " Key |
| 27 | 1100066 | 1 | 60-2 17 Link Double Chain |
| 28 | 1100064 | 1 | 60-2 Connector Link |
| 29 | 6200002 | 2 | 3/16" x 2" Cotter Pin + |
| 30 | 6100002 | 1 | Spring |
| 31 | 4800033 | 4 | 3/4" x 2" Bolt |
| 32 | 5000005 | 4 | 3/4" Flat Washer |
| 33 | 5000012 | 4 | 3/4" Lock Washer |
| 34 | 4900004 | 6 | 3/4" Nut |
| 35 | 4800106 | 1 | 5/8" x 1 $\frac{1}{2}$ " Bolt |
| 36 | 4900012 | 2 | 5/8" Lock Nut |
| 37 | 4800114 | 6 | 1/2" x 2" Bolt |
| 38 | 4800082 | 4 | 1/2" x 1 $\frac{1}{2}$ " Bolt |
| 39 | 4800018 | 4 | 1/2" x 1 $\frac{1}{4}$ " Bolt |
| 40 | 5000004 | 6 | 1/2" Flat Washer |
| 41 | 5000006 | 14 | 1/2" Lock Washer |
| 42 | 4900001 | 14 | 1/2" Nut |
| 43 | 4800003 | 16 | 3/8" x 1" Bolt |
| 44 | 5000001 | 23 | 3/8" Flat Washer |
| 45 | 5000019 | 16 | 3/8" Lock Washer |
| 46 | 4900002 | 16 | 3/8" Nut |
| 47 | 4900023 | 1 | 3/8" Lock Nut |
| 48 | 8200011 | 1 | Jack Shaft 1 $\frac{3}{4}$ " x 16" |
| 49 | 8100276 | 1 | Shim |

14 AUGER PAN



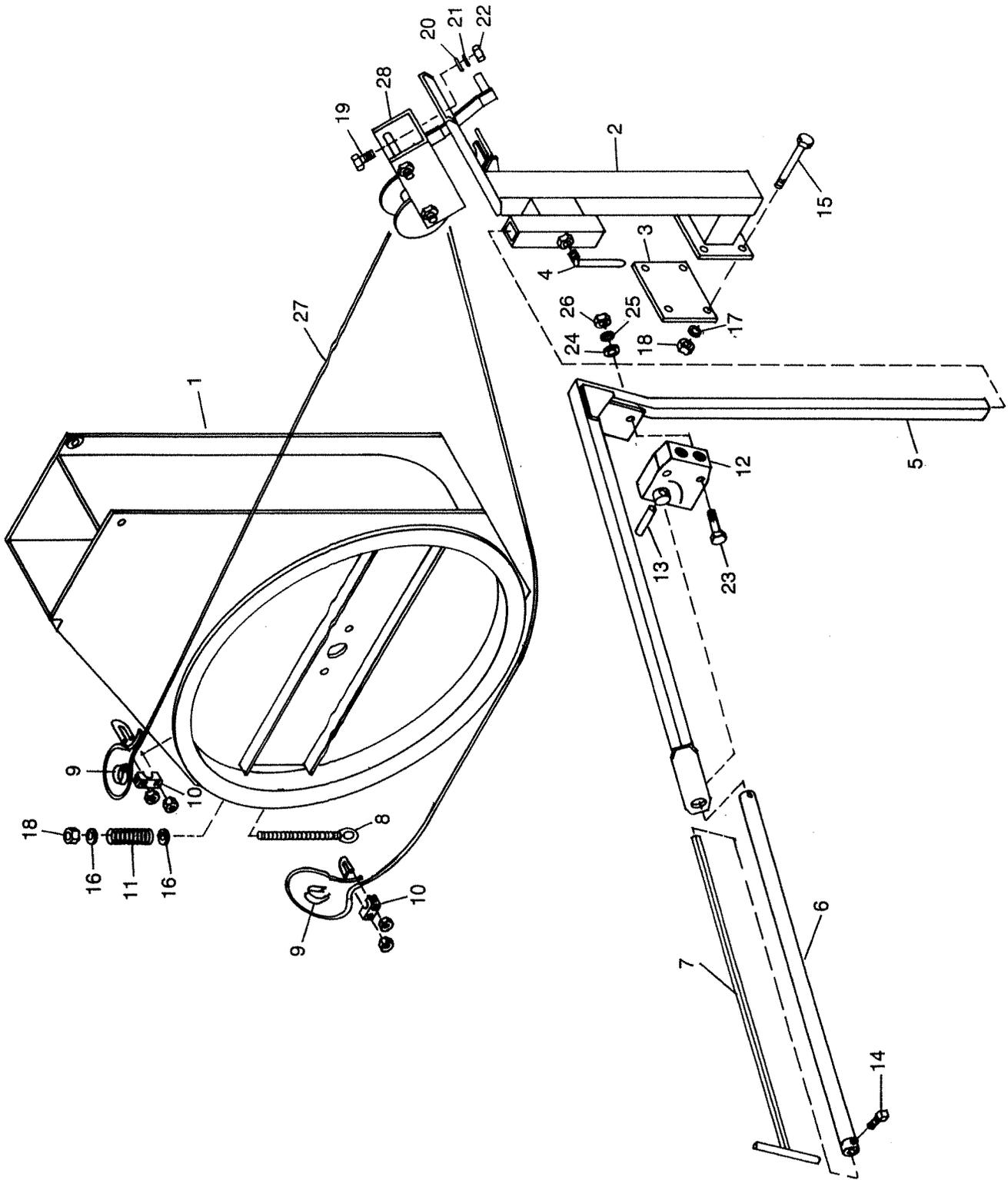
16 FAN ASSEMBLY



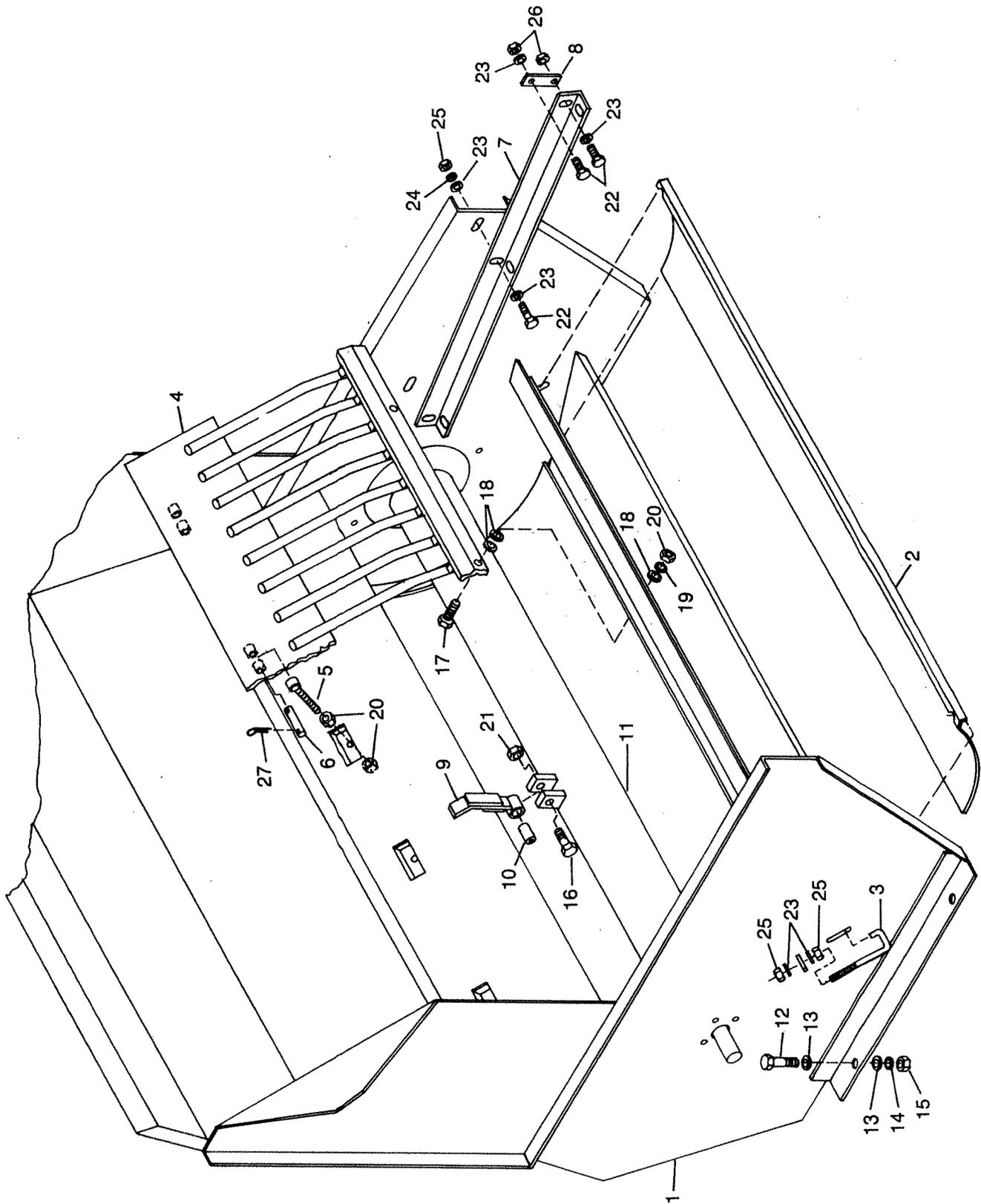
FAN ASSEMBLY 17

| Item | Part Number | Qty. | Description |
|-------------|--------------------|-------------|-----------------------------------|
| 1 | 8100287 | 1 | Fan Housing Pivot |
| 2 | 8100288 | 1 | Fan |
| 3 | 8100289 | 1 | Fan Pivot Ring |
| 4 | 8100290 | 1 | Fan Housing |
| 5 | 8100291 | 1 | Fan Shaft |
| 6 | 8100292 | 1 | Fan Housing Mount |
| 7 | 8100293 | 1 | Fan Housing Hinge Pin |
| 8 | 8100294 | 2 | Fan Housing Mount Adj. Bolt |
| 9 | 8100295 | 1 | Fan Housing Adj. Rod |
| 10 | 8100296 | 1 | Fan Housing Adj. Rod Mount |
| 11 | 8100297 | 1 | Discharge Spout |
| 12 | 8100298 | 1 | Spout Deflector |
| 13 | 8100299 | 1 | Spout Adj. Strap |
| 14 | 8100247 | 1 | Spout Adj. Bolt |
| 15 | 8100257 | 2 | Deflector Bushing |
| 16 | 8100251 | 1 | Latch Mount |
| 17 | 8100252 | 1 | Latch |
| 18 | 8100300 | 4 | Ring Retainer |
| 19 | 6200026 | 1 | 3/8" Sq. x 3" Key |
| 20 | 6200027 | 1 | 3/8" Sq. x 1 1/4" Key |
| 21 | 1900008 | 2 | Bearing 1 1/2" 2-Hole Cast Flange |
| 22 | 6100002 | 1 | Spring |
| 23 | 1000081 | 1 | 60-18 1 1/2" Bore Sprocket |
| 24 | 1100066 | 1 | 60-2 17 Link Double Chain |
| 25 | 1100064 | 1 | 60-2 Connector Link |
| 26 | 4900015 | 1 | 1" Lock Nut |
| 27 | 4900004 | 2 | 3/4" Nut |
| 28 | 4800106 | 1 | 5/8" x 1 1/2" Bolt |
| 29 | 4900012 | 2 | 5/8" Lock Nut |
| 30 | 4800018 | 2 | 1/2" x 1 1/4" Bolt |
| 31 | 4800082 | 4 | 1/2" x 1 1/2" Bolt |
| 32 | 4800114 | 2 | 1/2" x 2" Bolt |
| 33 | 4800101 | 2 | 1/2" x 2 1/2" Bolt |
| 34 | 4800068 | 1 | 1/2" x 3" Bolt |
| 35 | 5000004 | 6 | 1/2" Flat Washer |
| 36 | 5000006 | 8 | 1/2" Lock Washer |
| 37 | 4900001 | 8 | 1/2" Nut |
| 38 | 4900014 | 3 | 1/2" Lock Nut |
| 39 | 4900081 | 4 | 1/2" Flange Nut |
| 40 | 4800003 | 8 | 3/8" x 1" Bolt |
| 41 | 4800098 | 5 | 3/8" x 1 1/4" Bolt |
| 42 | 4800034 | 4 | 3/8" x 1 1/2" Bolt |
| 43 | 5000001 | 5 | 3/8" Flat Washer |
| 44 | 5000019 | 14 | 3/8" Lock Washer |
| 45 | 4900002 | 14 | 3/8" Nut |
| 46 | 4900023 | 3 | 3/8" Lock Nut |
| 47 | 4800238 | 4 | 3/8" x 1 1/2" Sq. Hd. Set Screw |
| 48 | 4900026 | 4 | 3/8" Jam Nut |

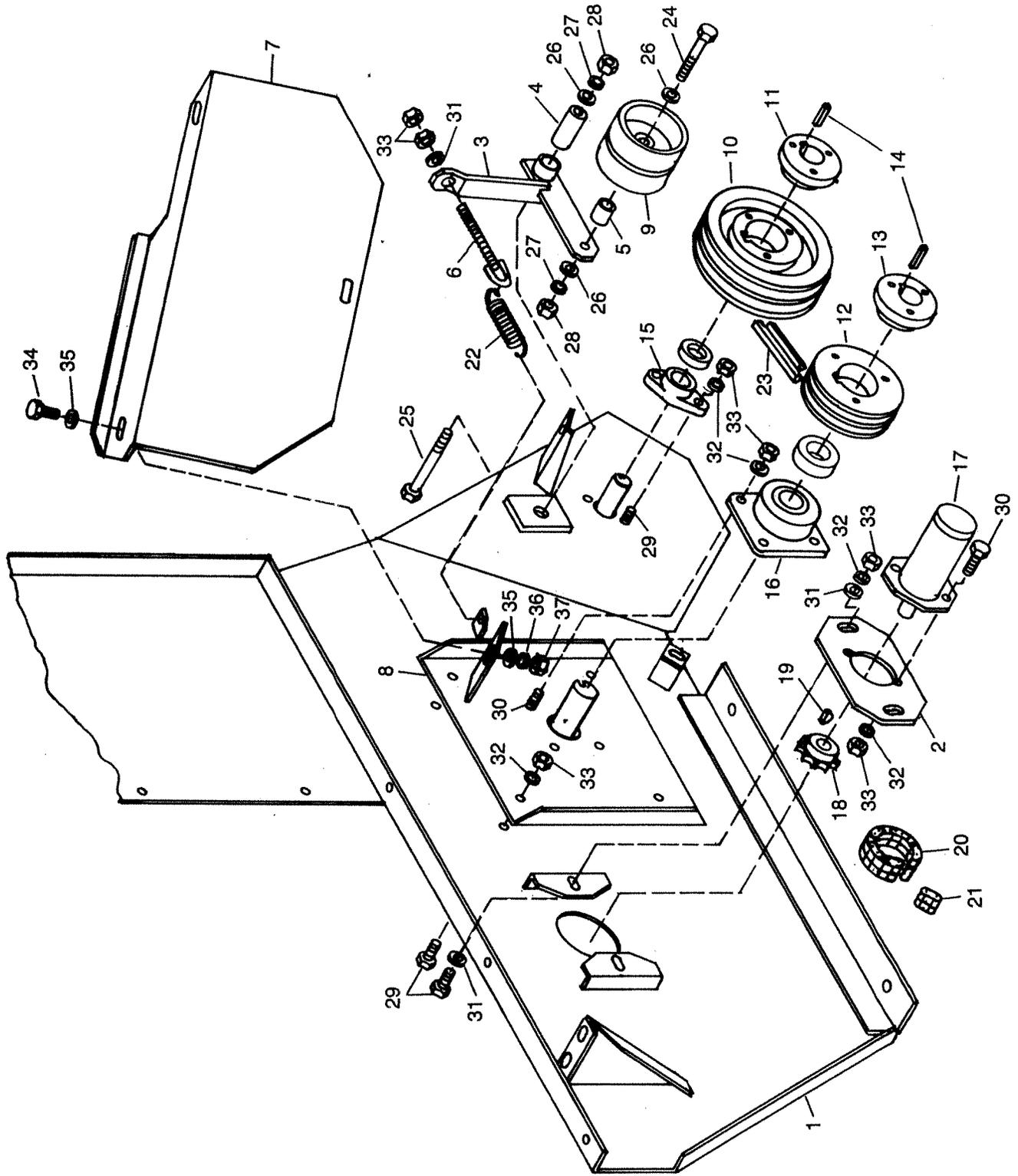
18 WINCH - FLOW CONTROL



20 SHREDDER

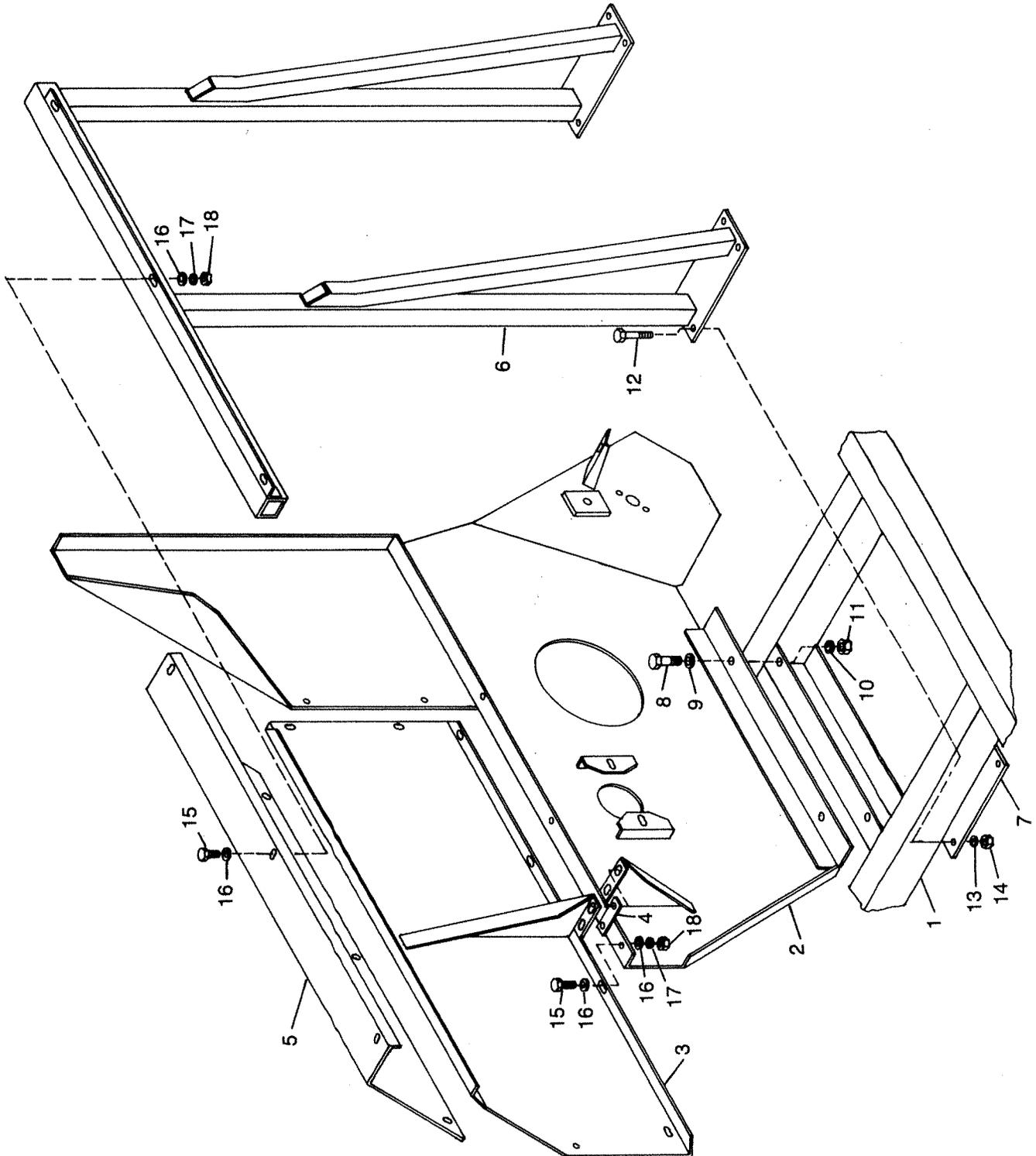


22 SHREDDER

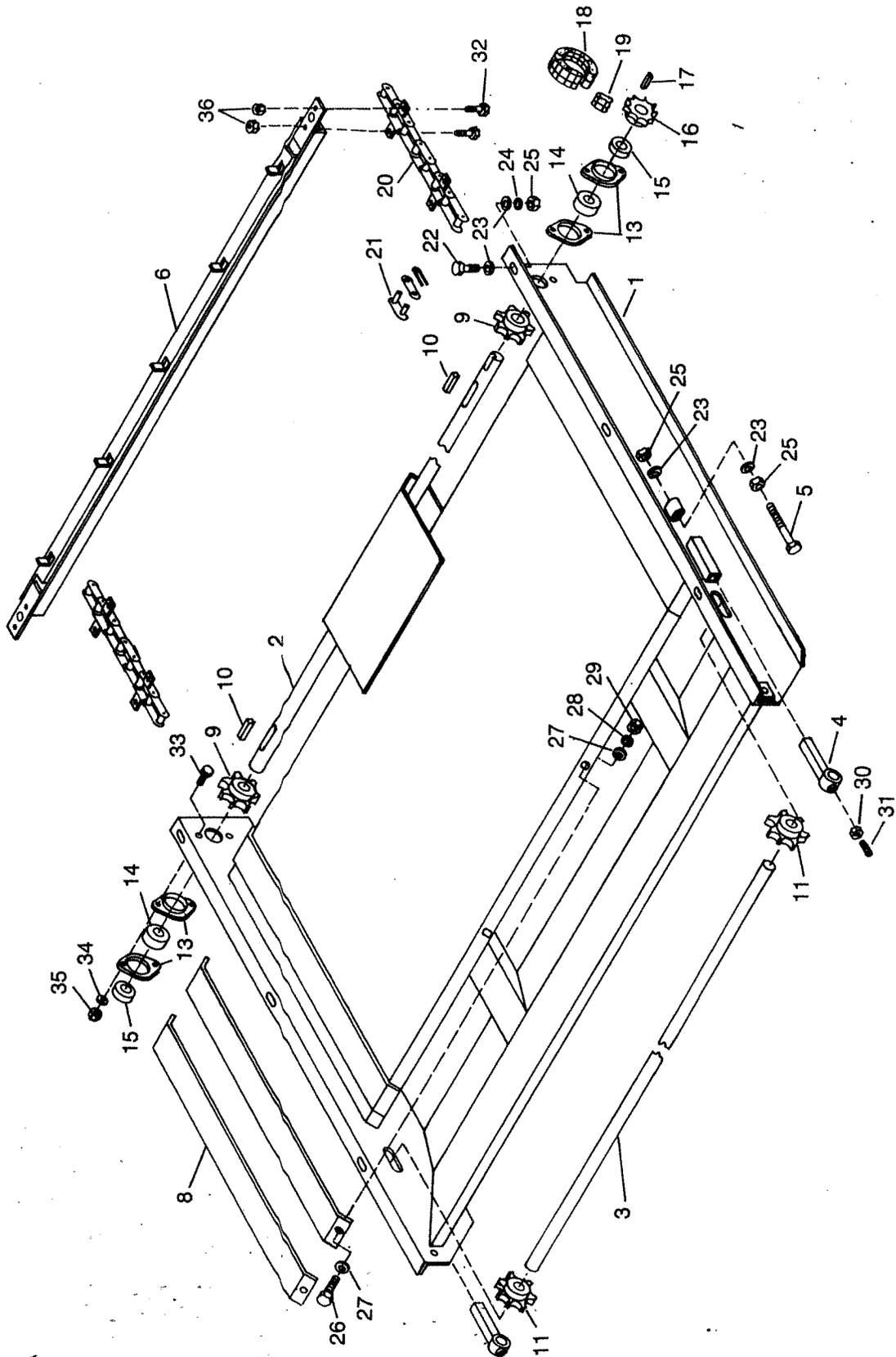


| Item | Part Number | Qty. | Description |
|-------------|--------------------|-------------|--------------------------------|
| 1 | 8100265 | 1 | Shredder Frame |
| 2 | 8100036 | 1 | Orbit Motor Mounting Bracket |
| 3 | 8100312 | 1 | Idler Arm |
| 4 | 8100313 | 1 | Idler Arm Bushing |
| 5 | 8100314 | 1 | Idler Spacer |
| 6 | 8100315 | 1 | Idler Spring Adj. Bolt |
| 7 | 8100316 | 1 | Pulley Shield (Rear) |
| 8 | 8100317 | 1 | Bearing Mount |
| 9 | 1300014 | 1 | Idler |
| 10 | 1400042 | 1 | 2TB86 Pulley |
| 11 | 1500024 | 1 | Q1 1½" Hub |
| 12 | 1400006 | 1 | 2B56Q Pulley |
| 13 | 1500023 | 1 | Q1 1¾" Hub |
| 14 | 6200008 | 2 | 3/8" Sq. x 2" Key |
| 15 | 1900008 | 1 | 1½" 2-Hole Cast Flange Bearing |
| 16 | 1900011 | 1 | 1¾" 4-Hole Flange Bearing |
| 17 | 3900008 | 1 | Orbit Motor |
| 18 | 1000029 | 1 | Coupler Sprocket |
| 19 | 6200011 | 1 | ¼" x 1" Woodruff Key |
| 20 | 1100026 | 1 | 50-2-13 Link Double Chain |
| 21 | 1100099 | 1 | 50-2 Connector Link |
| 22 | 6100036 | 1 | Est. Spring |
| 23 | 1600056 | 2 | B65 Belt |
| 24 | 4800100 | 1 | 5/8" x 4" Bolt |
| 25 | 4800158 | 1 | 5/8" x 4½" Bolt |
| 26 | 5000002 | 3 | 5/8" Flat Washer |
| 27 | 5000003 | 2 | 5/8" Lock Washer |
| 28 | 4900005 | 2 | 5/8" Nut |
| 29 | 4800018 | 8 | ½" x 1¼" Bolt |
| 30 | 4800082 | 6 | ½" x 1½" Bolt |
| 31 | 5000004 | 5 | ½" Flat Washer |
| 32 | 5000006 | 14 | ½" Lock Washer |
| 33 | 4900001 | 16 | ½" Nut |
| 34 | 4800003 | 3 | 3/8" x 1" Bolt |
| 35 | 5000001 | 6 | 3/8" Flat Washer |
| 36 | 5000019 | 3 | 3/8" Lock Nut |
| 37 | 4900002 | 3 | 3/8" Nut |

24 REAR SHIELDS - RACK



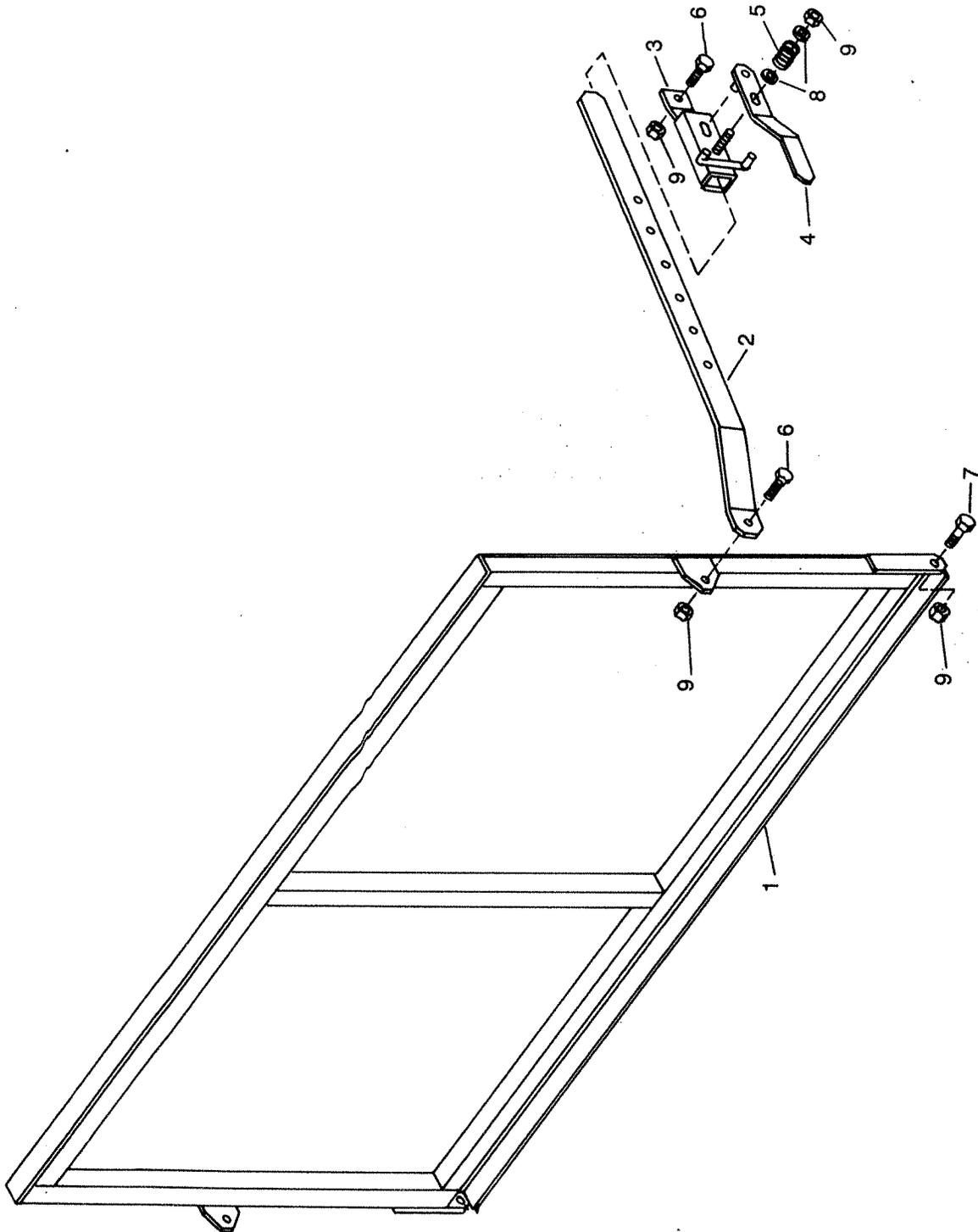
26 BALE CONVEYOR ASSEMBLY



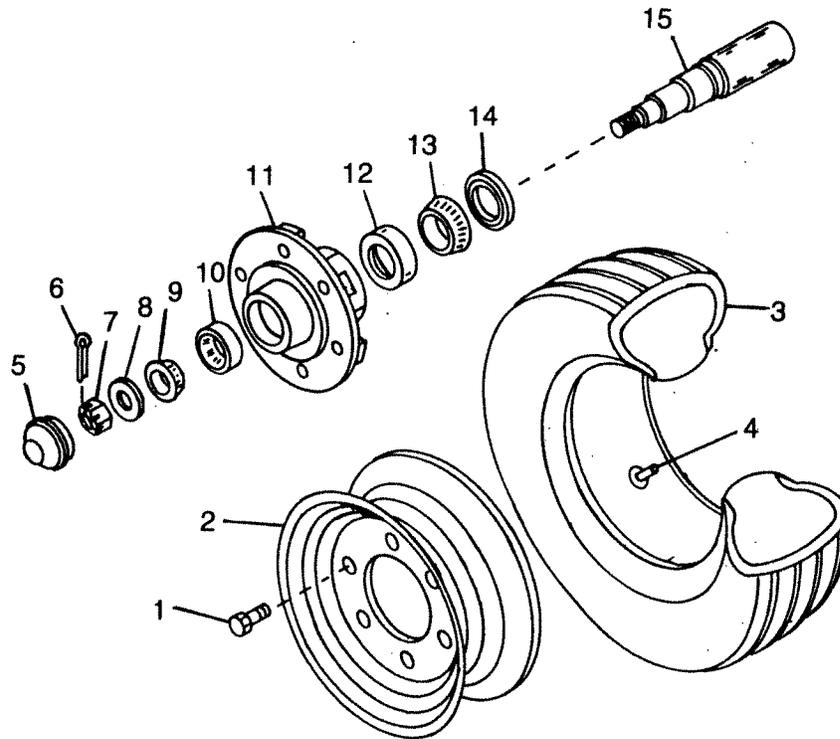
BALE CONVEYOR ASSEMBLY 27

| Item | Part Number | Qty. | Description |
|------|-------------|------|--|
| 1 | 8100322 | 1 | Conveyor Frame |
| 2 | 8200002 | 1 | Drive Shaft 1" x 70½" |
| 3 | 8200004 | 1 | Idler Shaft 1" x 71½" |
| 4 | 8100051 | 2 | Tightener Bracket |
| 5 | 4800104 | 2 | Adjusting Bolt ½" x 5" |
| 6 | 8100170 | 9 | Slat |
| 7 | 8100167 | | Slat End (Weld On) Not Shown |
| 8 | 7500306 | 2 | Plastic Rub Plate |
| 9 | 1000089 | 2 | Drive Sprocket |
| 10 | 6200012 | 2 | ¼" Sq. x 2" Key |
| 11 | 1000088 | 2 | Idler Sprocket |
| 12 | 7500147 | 2 | Brass Bushing (Idler Sprocket) Not Shown |
| 13 | 2100003 | 4 | Flangette 2-100 |
| 14 | 2000002 | 2 | Bearing 1" Bore |
| 15 | 2200004 | 2 | Bearing Lock Collar |
| 16 | 1000029 | 1 | Coupler Sprocket |
| 17 | 6200010 | 1 | ¼" Sq. x 1" Key |
| 18 | 1100026 | 1 | 50-2-13 Link Double Chain |
| 19 | 1100099 | 1 | 50-2 Connector Link |
| 20 | 1100150 | 2 | Chain CA620-44 w/Attachments |
| 21 | 1100103 | 2 | CA620 Connector Link |
| 22 | 4800082 | 6 | ½" x 1½" Bolt |
| 23 | 5000004 | 16 | ½" Flat Washer |
| 24 | 5000006 | 6 | ½" Lock Washer |
| 25 | 4900001 | 10 | ½" Nut |
| 26 | 4800098 | 4 | 3/8" x 1¼" Bolt |
| 27 | 5000001 | 8 | 3/8" Flat Washer |
| 28 | 5000019 | 4 | 3/8" Lock Washer |
| 29 | 4900002 | 4 | 3/8" Nut |
| 30 | 4900026 | 2 | 3/8" Jam Nut |
| 31 | 4800105 | 2 | 3/8" x 1" Set Screw |
| 32 | 4800147 | 36 | 5/16" x 7/8" Bolt |
| 33 | 4800008 | 4 | 5/16" x ¾" Bolt |
| 34 | 5000002 | 4 | 5/16" Lock Washer |
| 35 | 4900003 | 4 | 5/16" Nut |
| 36 | 4900011 | 36 | 5/16" Lock Nut |

28 CONVEYOR RACK

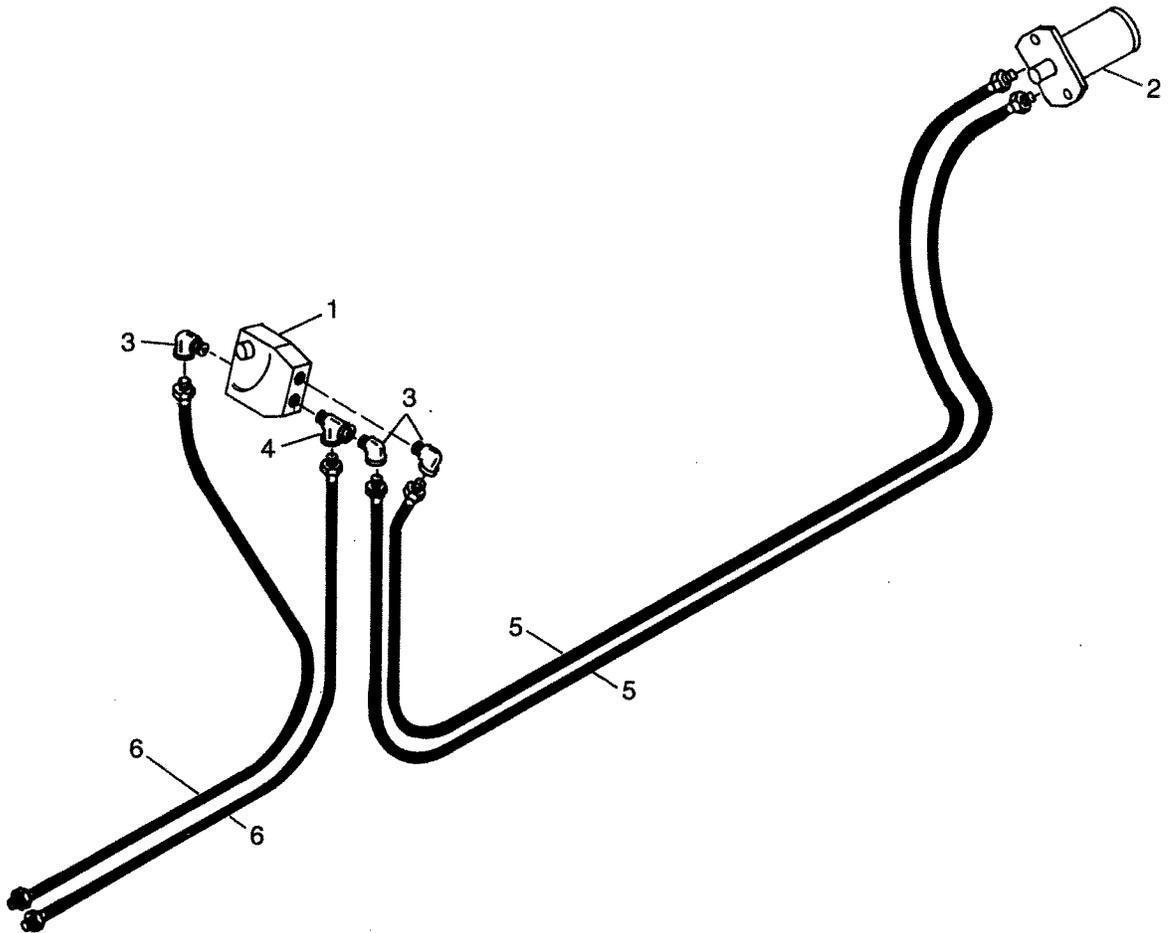


30 AXLES AND WHEELS



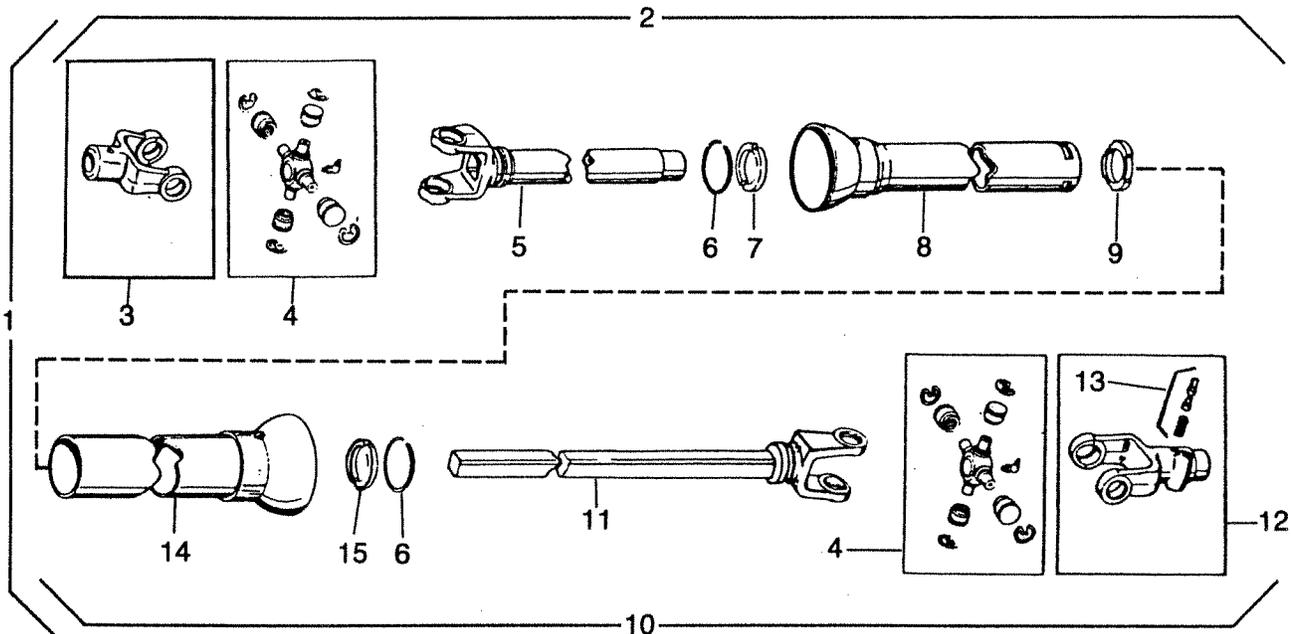
Running Gear Parts

| Item | Part Number | Qty. | Description |
|------|-------------|------|---------------------------|
| 1 | 2900012 | 6 | Wheel Bolts, Per Hub |
| 2 | 2800001 | 2 | Wheel, 14x8 6 Bolt |
| 3 | 2600013 | 2 | Tire, 9.5L-14 8-Ply |
| 4 | 2700006 | 2 | Tube, 9.5L-14-15 |
| 5 | 2900013 | 1 | Cap |
| 6 | 3000005 | 1 | Key, Cotter |
| 7 | 4900054 | 1 | Nut, Spindle |
| 8 | 5500055 | 1 | Washer, 7/8" Flat |
| 9 | 2900018 | 1 | Cone, Outer |
| 10 | 2900004 | 1 | Cup, Outer |
| 11 | 2900068 | 1 | Hub |
| 12 | 2900016 | 1 | Cup, Inner |
| 13 | 2900015 | 1 | Cone, Inner |
| 14 | 2900014 | 1 | Grease Seal |
| 15 | 3000002 | 1 | Spindle, Less Nut and Key |
| 16 | 2900069 | 1 | Hub Complete |



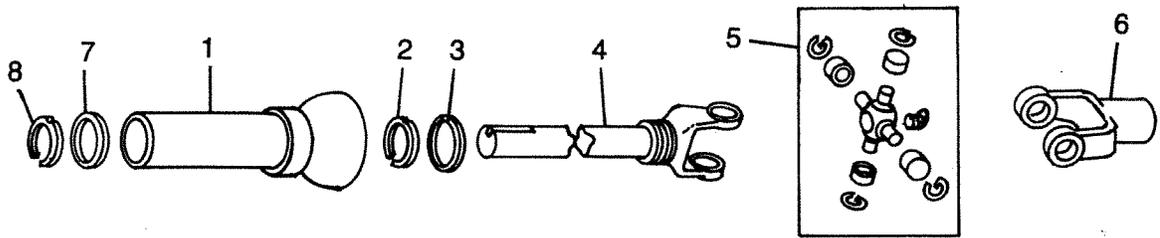
| Item | Part Number | Qty. | Description |
|------|-------------|------|--------------------|
| 1 | 3800036 | 1 | Flow Control Valve |
| 2 | 3900008 | 1 | Orbit Motor |
| 3 | 3800008 | 3 | 1/2" 90° St. Elbow |
| 4 | 3800161 | 1 | 1/2" St. Tee |
| 5 | 3700209 | 2 | 1/2" x 190" Hose |
| 6 | 3700092 | 2 | 1/2" x 94" Hose |

32 P.T.O. ASSEMBLY PARTS LIST



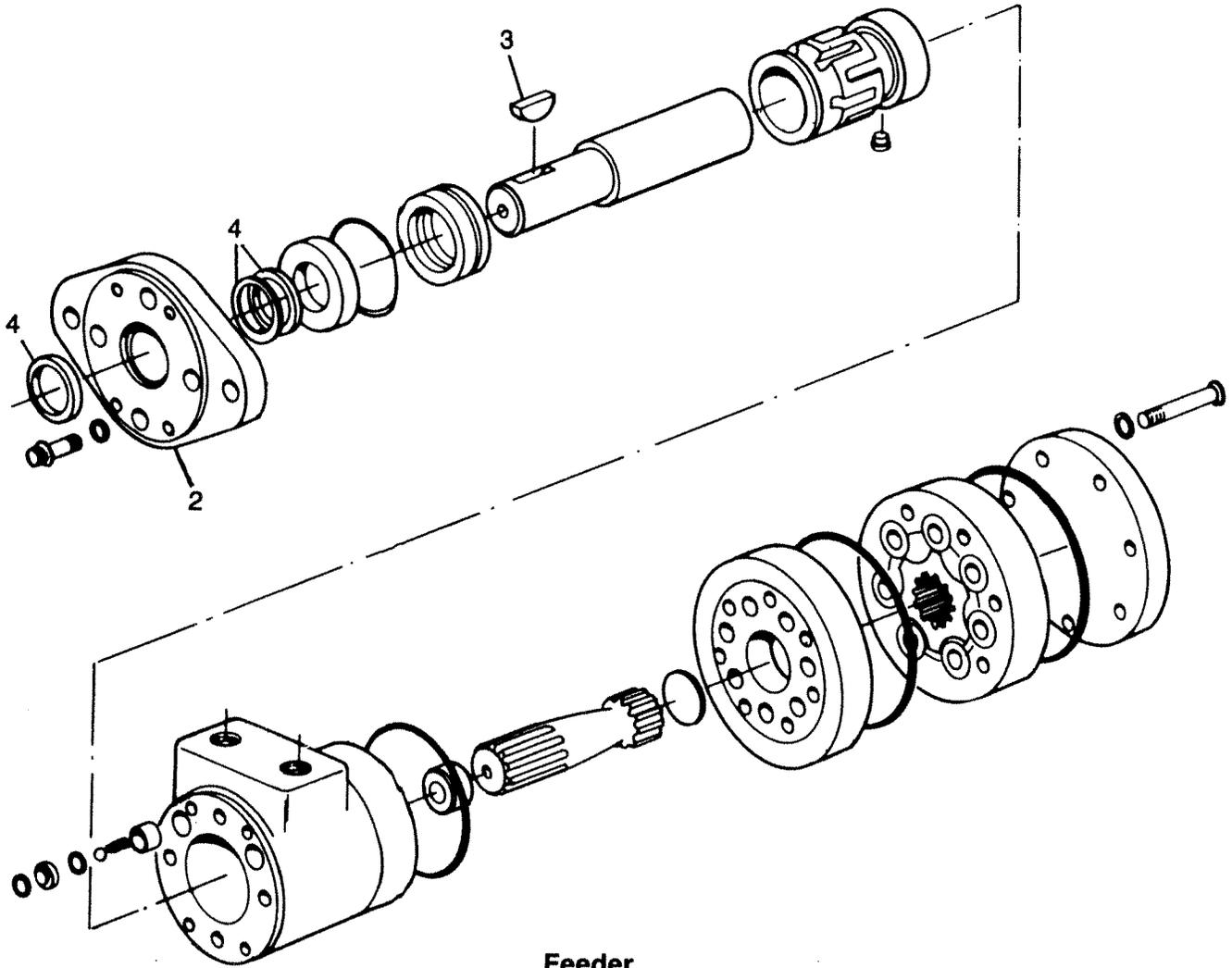
| Item | Part No. | Qty. | Description |
|------|----------|------|---|
| 1 | 3600107 | 1 | 35RW Universal Joint & Telescoping Shaft Assembly w/Guard |
| 2 | 3600108 | 1 | Joint and Tube with Guard, Machine 1/2" Complete |
| 3 | 3600079 | 1 | Yoke 1 3/4" Rd. |
| 4 | 3600042 | 2 | Repair Kit |
| 5 | 3600109 | 1 | Yoke and Tube |
| 6 | 3600037 | 2 | Bearing Retainer |
| 7 | 3600052 | 1 | Nylon Bearing |
| 8 | 3600110 | 1 | Male Guard Tube, Inner |
| 9 | 3600049 | 1 | Nylon Centralizer |
| 10 | 3600111 | 1 | Joint and Shaft Half with Guard, Tractor Complete |
| 11 | 3600112 | 1 | Yoke and Shaft |
| 12 | 3600084 | 1 | O.D. Yoke Assembly, 1000 RPM |
| 13 | 3600056 | 1 | Saf-T-Pin and Spring Kit |
| 14 | 3600113 | 1 | Female Guard Tube |
| 15 | 3600048 | 1 | Nylon Bearing |

POWER SHAFT ASSEMBLY 33



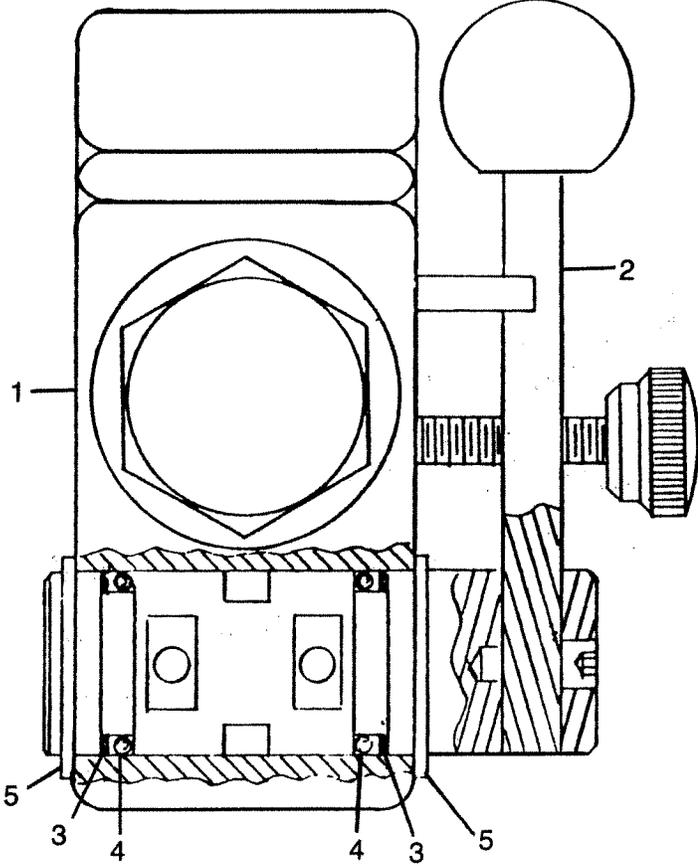
| Item | Part No. | Qty. | Description |
|------|----------|------|--------------------------|
| 1 | 3600148 | 1 | Guard Tube 38-9/16" Long |
| 2 | 3600052 | 1 | Nylon Bearing |
| 3 | 3600047 | 2 | Bearing Retainer |
| 4 | 3600149 | 1 | Yoke and Shaft 35-5/16" |
| 5 | 3600042 | 1 | Repair Kit |
| 6 | 3600079 | 1 | Yoke 1 3/4" |
| 7 | 3600134 | 1 | Nylon Bearing |
| 8 | 3600135 | 2 | Bearing Retainer |

34 ORBIT MOTOR



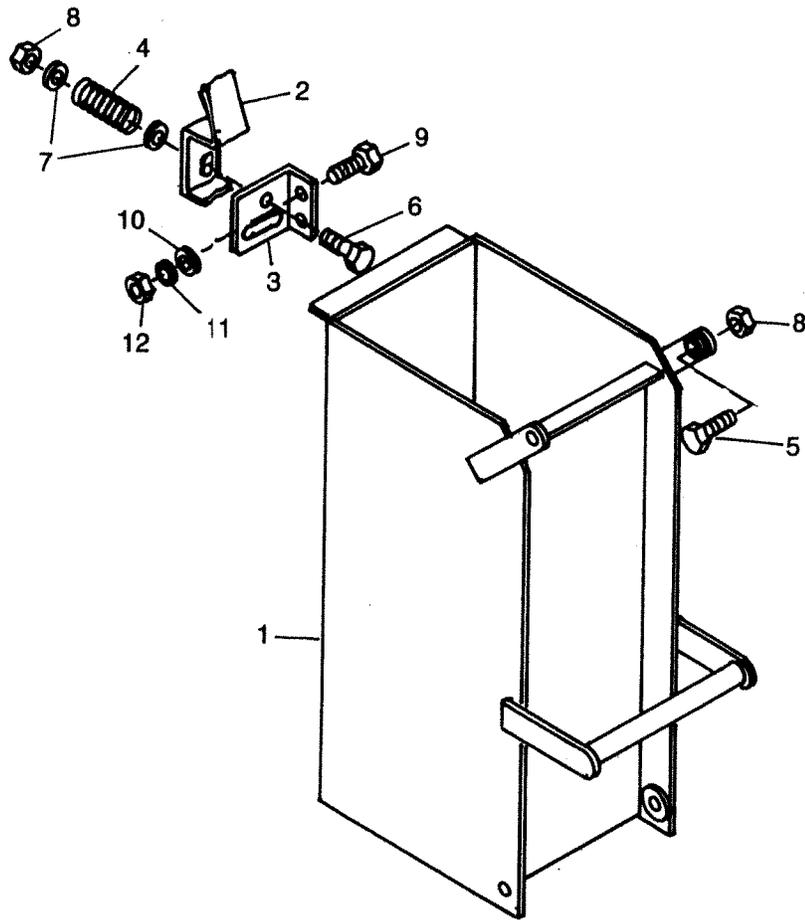
| Item | Part Number | Qty. | Description |
|------|-------------|------|---------------------------|
| 2 | 3900002 | 1 | Mounting Flange |
| 3 | 6200011 | 1 | Key, Woodruff |
| 4 | 3200002 | 1 | Seal Kit, Orbit |
| 5 | 3900003 | 1 | Orbit Motor Complete, 207 |

FLOW CONTROL VALVE 35



| Item | Part No. | Qty. | Description |
|------|----------|------|--------------------|
| 1 | 3800036 | 1 | Flow Control Valve |
| 2 | 4000031 | 1 | Handle Assemble |
| 3 | 4000032 | 2 | Backup Seal |
| 4 | 4000033 | 2 | O-Ring |
| 5 | 4000034 | 2 | Snap Ring |

36 SPOUT EXTENSION (OPTION)



1 **HAYBUSTER**

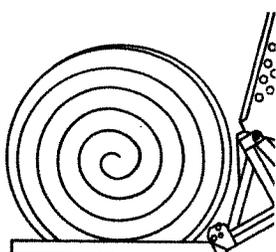
11 **DAIRYMANS SPECIAL**

12 **256**

4 **BALE ROTATION**
6500036

7 **KEEP WHEEL BOLTS TIGHT**
6500042

2 **! DANGER**
FLYING HAY, ROCKS, AND OTHER OBJECTS THROWN BY MACHINE.
STAY CLEAR OF DISCHARGE SIDE OF MACHINE UNLESS OPERATOR HAS STOPPED TRACTOR ENGINE AND MACHINE HAS STOPPED ROTATING.
FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN SEVERE PERSONAL INJURY OR DEATH.
6500040

9 **TO REDUCE HAY SPILLAGE**

LOAD BALE WITH WRAPS AS SHOWN
6500074

5 **! WARNING**
FOR YOUR PROTECTION KEEP ALL SHIELDS IN PLACE AND SECURED WHILE MACHINE IS OPERATING. MOVING PARTS WITHIN CAN CAUSE SEVERE PERSONAL INJURY.
6500040

6 **! WARNING**
FOR YOUR PROTECTION AND PROTECTION OF OTHERS, PRACTICE THE FOLLOWING SAFETY RULES.
1. BEFORE OPERATING THIS MACHINE, READ THE OPERATOR'S MANUALS SUPPLIED WITH THIS MACHINE AND YOUR TRACTOR.
2. CHECK OPERATORS MANUALS TO BE SURE YOUR TRACTOR MEETS THE MINIMUM REQUIREMENTS FOR THIS MACHINE.
3. READ ALL DECALS PLACED ON THIS MACHINE FOR YOUR SAFETY AND CONVENIENCE.
4. NEVER ALLOW RIDERS ON THIS IMPLEMENT OR THE TRACTOR.
5. KEEP OTHERS AWAY FROM THIS MACHINE WHILE IN OPERATION.
6. KEEP ALL SHIELDS IN PLACE WHILE MACHINE IS OPERATING.
7. KEEP HANDS, FEET, LOOSE CLOTHING, ETC., AWAY FROM POWER DRIVEN PARTS.
8. ALWAYS SHUT OFF MACHINE AND ENGINE BEFORE SERVICING, UNBLOCKING, INSPECTING, OR WORKING NEAR THIS MACHINE FOR ANY REASON. ALWAYS PLACE TRANSMISSION IN PARK OR SET PARK BRAKE AND WAIT FOR ALL MOVEMENT TO STOP BEFORE APPROACHING THIS MACHINE.
6500041

10 **! DANGER**

ROTATING DRIVELINE
CONTACT CAN CAUSE DEATH
KEEP AWAY!
DO NOT OPERATE WITHOUT —
• ALL DRIVELINE, TRACTOR AND EQUIPMENT SHIELDS IN PLACE
• DRIVELINES SECURELY ATTACHED AT BOTH ENDS
• DRIVELINE SHIELDS THAT TURN FREELY ON DRIVELINE
6500041 12-10021-08

8 **! WARNING**

NO RIDERS
SERIOUS PERSONAL INJURY COULD RESULT FROM RIDING ON THE MACHINE
6500041

3 **! DANGER**
ROTATING FLAILS CAN KILL OR DISMEMBER
KEEP CLEAR OF MACHINE UNTIL POWER TAKE-OFF HAS BEEN DISENGAGED, TRACTOR ENGINE SHUT OFF AND FLAIL ROTATION STOPPED
6500035

()

()

()

