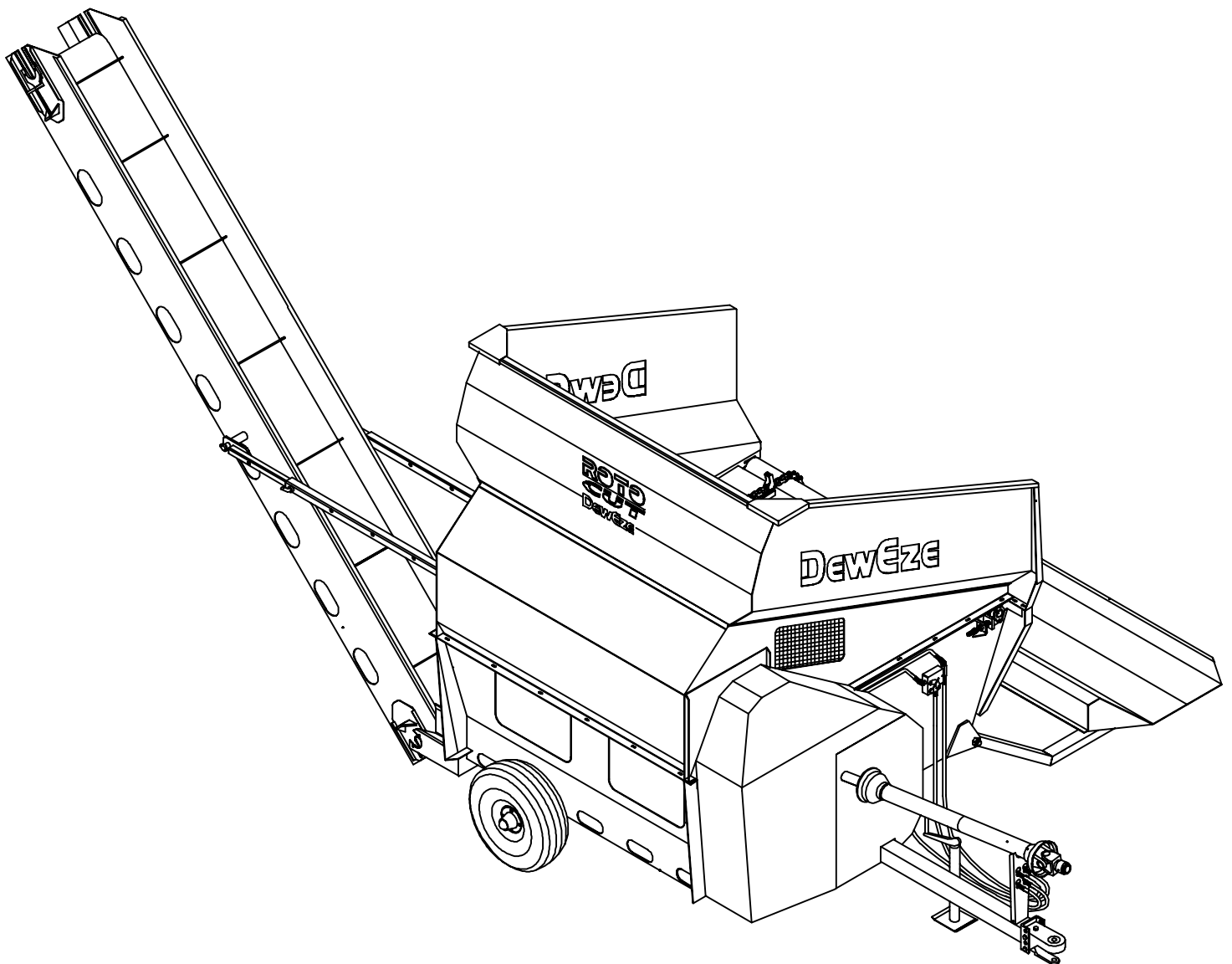


OPERATION & SERVICE MANUAL

ROTO-CUT PROCESSOR



DEWEZE MANUFACTURING

WARRANTY POLICY

Statement of Warranty

DewEze Manufacturing warrants to each purchaser of DewEze new equipment from an authorized dealer or representative that such equipment to be free from manufacturing defects in normal service for a period of one (1) year commencing with delivery to the original user.

The obligation of DewEze Manufacturing under this warranty is expressly limited, at our option, to replacement or repair at DewEze Manufacturing, 151 E. Hwy. 160, Harper Kansas 67058, or at a service facility designated by DewEze Manufacturing of such parts or part as inspection shall disclose to have been defective. This warranty does not apply to defects caused by damage or unreasonable use (including failure to provide reasonable and necessary maintenance) while in the possession of the consumer.

DewEze Manufacturing shall not be liable for consequential damages of any kind, including but not limited to, consequential labor costs or transportation charges in connection with replacement or repair of defective parts.

DewEze Manufacturing makes no warranty with respect to trace accessories. They are subject to the warranties of their manufacturers.

Any implied or statutory warranties, including any warranty of merchantability or fitness for a particular purpose, are expressly limited to the duration of this written warranty. DewEze Manufacturing makes no other express warranty, nor is anyone authorized to make in behalf of DewEze Manufacturing.

For information on warranty procedures please contact your nearest dealer.

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ROTO-CUT SPECIFICATIONS

Weight.....3,600lbs.
Width8'5"
Height9'7"
Length7'9"
Wheels15"—6 Hole
Tire Size.....11L x 15 8 Ply
Drive1000 RPM PTO
Power.....100 HP
Capacity.....4—8 minutes/bale
(*variable depending on wet or dry)
Rotor Size.....10" Diameter x 72" Long
Hydraulic Requirements.....2000psi @ 9gpm
Feed Delivery.....Conveyor Model 14' X 18" Rear Discharge Conveyor
Rotor Knife.....3/16" Thick, Double Sided Hardsurfaced Sections
(Reversible for longer life)
Number of Knives Required.....30 Sections

SAFETY

TAKE NOTE! THIS SAFETY ALERT SYMBOL FOUND THROUGHOUT THIS MANUAL IS USED TO CALL YOUR ATTENTION TO INSTRUCTIONS INVOLVING YOUR PERSONAL SAFETY AND THE SAFETY OF OTHERS. FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN INJURY OR DEATH



THIS SYMBOL MEANS

- ATTENTION!
- BECOME ALERT!
- YOUR SAFETY IS INVOLVED!

SIGNAL WORDS

Note the use of the signal words DANGER, WARNING and CAUTION with the safety messages. The appropriate signal word for each has been selected using the following guidelines:

WARNING: Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.

DANGER: Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury. This signal word is to be limited to the most extreme situations typically for machine components which, for functional purposes, cannot be guarded.

CAUTION: Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

If you have questions not answered in this manual or require additional copies or the manual is damaged, please contact your dealer or DewEze Manufacturing, 151 E Hwy 160, Harper, Kansas, 67058. (316)-896-7381, FAX (316)-896-7129.

SAFETY PRECAUTIONS

Read this manual carefully. It will instruct you on how to operate and service your machine safely and correctly. Failure to do so could result in personal injury and/or equipment damage.

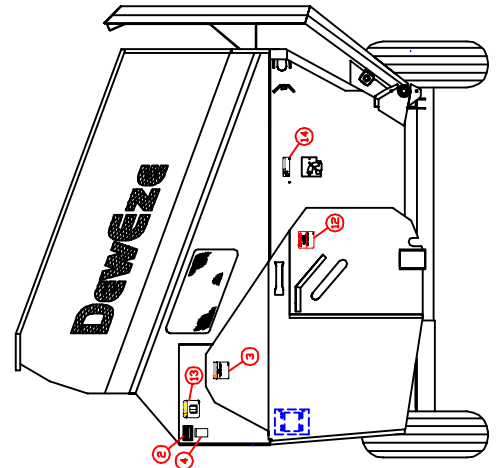
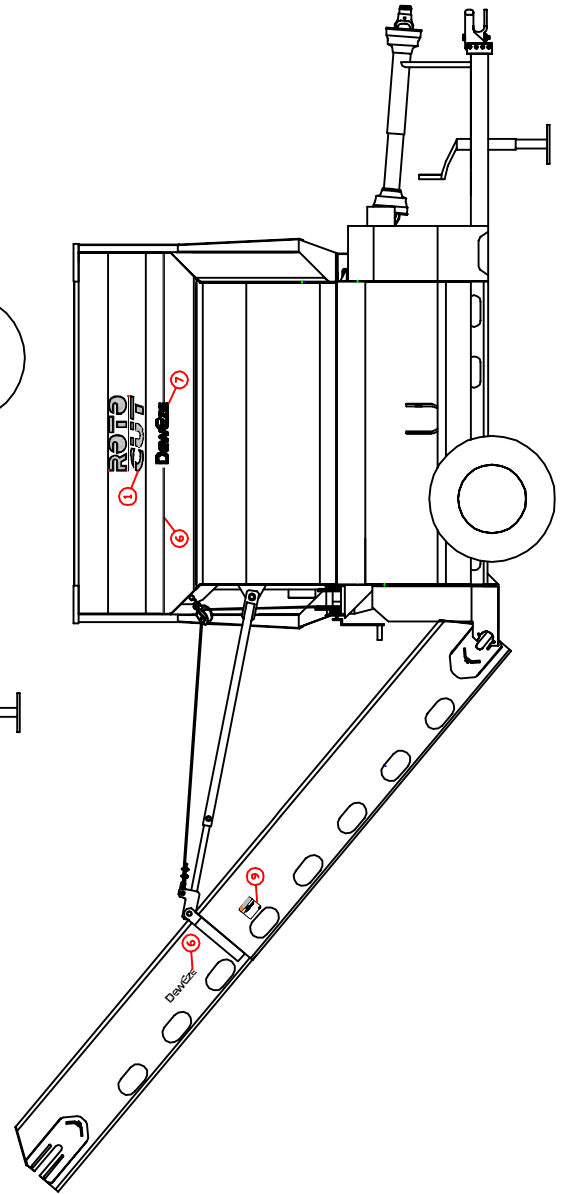
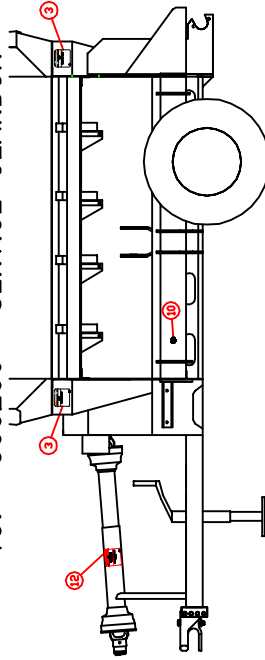
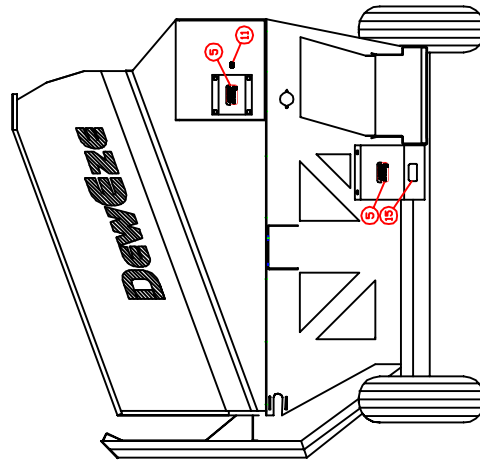
1. Operator should read and understand manual before operating Roto-Cut.
2. Keep all guards and shields in place.
3. Keep all persons clear of area while machine is in operation.
4. Do not walk under Bale Cradle or Conveyor.
5. Do not make adjustments while machine is in operation.
6. Disconnect PTO and hydraulics while servicing machine.
7. Fasten the safety chain on main frame to fork before transporting.
8. Operate at slow to moderate speed, until familiar with controls and operation of machine.
9. Do not check for hydraulic leaks with bare hands.

It is the responsibility of the owner and operator to be aware of safety hazards while operating this machine.

DECAL ASSEMBLY

ITEM	PART #	DESCRIPTION
1.	400084	ROTO-SLICER DECAL
2.	100205	SERIAL NUMBER PLATE
3.	160001	MOVING PART HAZARD
4.	300002	FEMA DECAL
5.	500038	COVER PLATE
6.	200011	SILVER PINSTRIPE
7.	200105	DEWEZE/SOLID SILVER
8.	160002	GUARD REMOVED
9.	160003	OVERHEAD HAZARD
10.	160007	GREASE EVERY 10HR.
11.	160008	GREASE EVERY 40HR.
12.	160009	ROTATING DRIVE LINE
13.	160010	READ OPERATORS MANUAL
14.	160006	WARNING HIGH PRESSURE
15.	500206	SERVICE GEARBOX

Decals are provided to warn operators of dangers or provide information in the operation of equipment. It is the responsibility of the owner/operator to replace decals when they are missing or unreadable. New decals are available from your authorized dealer or manufacturer.



OPERATION INSTRUCTIONS

OPERATING INSTRUCTIONS

LOADING BALE

USING BALE CRADLE

Make sure safety bar has been unhooked. Lower Cradle to ground. Move bale into place on Cradle. Raise fork until bale rolls onto table. A second bale can be placed on Cradle at this time. Leave second bale on fork until bale on table is processed.

Do not load two bales on table at same time.

CAUTION

While loading bales move slats only if necessary to prevent pinching hay between fork and roller.

PROCESSING THE BALE

Set feeder chain Flow Control Valve on 2 for initial startup. Make sure bale is not against rotor before engaging PTO. If bale is against rotor, reverse the tractor's hydraulic circuit that operates the feeder chain and move bale away from the rotor.

Engage PTO and increase tractor's RPM to 1000-1300 RPM. This is a good start-up speed until you become familiar with controls and operation of Roto-Cut.

As bale is fed into the rotor, adjust the Flow Control Valve setting for the feeder chain to match your type of hay and your tractor's power. Higher number settings will increase the speed of the feeder chain. Adjust one number at a time. If tractor engine is pulling down excessively, lower the setting on valve, which will decrease the speed of the feeder chain. Settings will vary with hay types, tractor horsepower, and personal preferences. Make small adjustments to see how this will effect operation.

CAUTION

NEVER STAND TO THE SIDE OF ROTO-CUT WHEN PROCESSING. ROTOR CAN THROW OBJECTS CAUSING SERIOUS INJURY.

SERVICE & MAINTENANCE

SLAT CHAIN TENSIONING

FIGURE 1

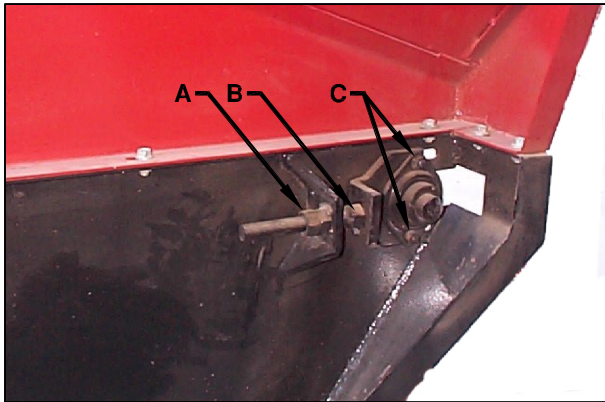


FIGURE 2

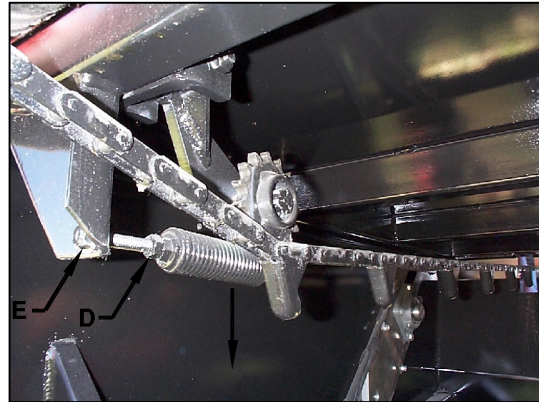


FIGURE 1 – ROLLER TENSION

1. Loosen jam nuts (A), loosen bearing bolts (C) slightly. SEE FIG 1
2. Turn adjusting bolt (B) clockwise to tighten feeder chain. Adjust both sides EQUALLY.
3. Chain is properly tight when there is 1 1/2" to 2" of slack under middle of chain.
4. After chain is properly tightened, tighten bearing bolts (C) and then tighten lock nuts (A) on adjusting bolt, both sides.

FIGURE 2 – CHAIN TENSION

5. Loosen jam nut (D), turn all-thread tensioner (E) until chain becomes tight. SEE FIG 2
6. Continue process on all four chains.

BELT TENSIONING

(POWER BAND)

FIGURE 3

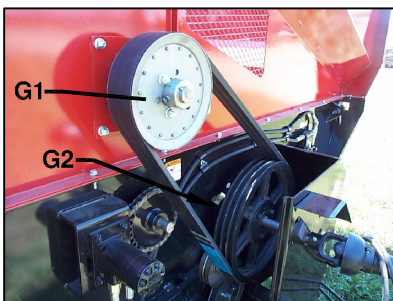
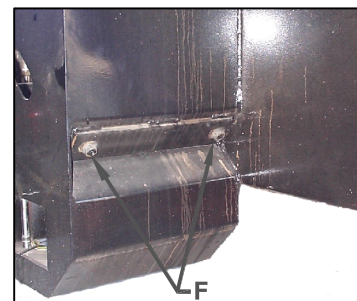
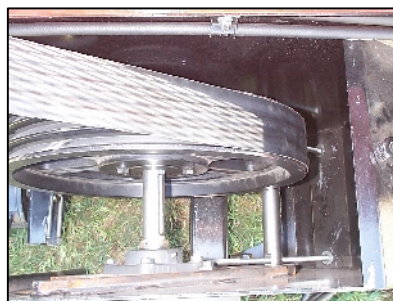


FIGURE 4



1. To tighten belt turn Adjusting Screws (F) clockwise until belt becomes tight. Adjust screws equally on both side there should be only 3/4" of deflection in belt.
2. Keep pulley alignment straight so pulleys will run true.
3. Lock tight set screws (G1-ROTOR PULLEY) (G2-CONVEYOR DRIVE) so pulley will not migrate. (FIG 3)

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BELT TENSIONING

(C 57)

FIGURE 5

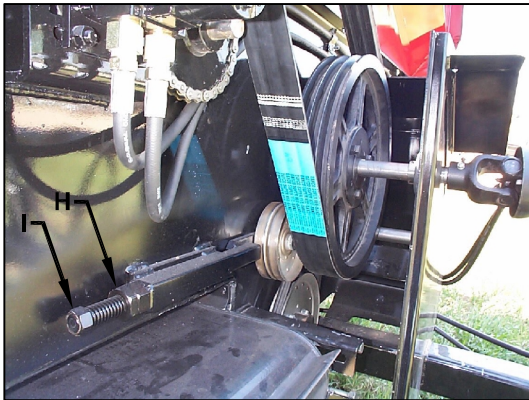


FIGURE 5 – CONVEYOR DRIVE COMPONENTS

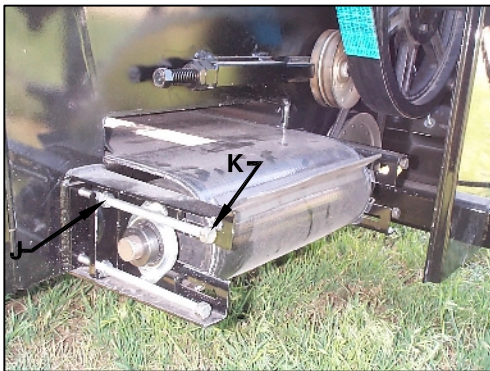
TO ADJUST CONVEYOR DRIVE BELT
Loosen jam nut (H), turn all-thread
tensioner (I) until belt becomes tight.
SEE FIG 5

TO REMOVE CONVEYOR DRIVE BELT
Loosen all bearing bolts from slide plate
Loosen all bearing bolts from slide plate

CONVEYOR BELT TENSIONING

(LOWER)

FIGURE 6



CONVEYOR BELT TENSIONING

1. Before adjusting roller tension, make sure rollers are square with frame.
2. After checking squareness of roller, loosen jam nut (I) and begin turning all-thread (K). FIG 6
3. Do all tensioning from front roller. Back will determine how close bats will (L) be together. SEE FIG 6
4. Tighten till approximately 3" of sag is showing in bottom mid of belt. Make sure both sides are tightened equally. If belt tension is not equal belt will train to one side. Run belt for approximately 2 hours, this will let belt set-in.
5. After belt has run, check training. If belt runs to one side tighten opposite side on take-up until belt trains to center.

CONVEYOR BELT REPLACEMENT

1. Rotate drive until belt splice is lined up on roller. SEE FIG 7
2. Loosen belt adjustment on both front and back all-threads.
3. Using pliers pull belt lacing (M) from belt splice (N). SEE FIG 7
4. Remember which way belt was routed, then remove belt from conveyor.
5. Install new belt the same as old belt and position belt ends on roller.
6. Install new belt lacing in belt splice, make sure first edge is aligned before installing belt lacing.
7. Check edges for alignment and cut off excess belt lacing flush with edge of belt.
8. Follow belt adjustment procedures for tightening belt.

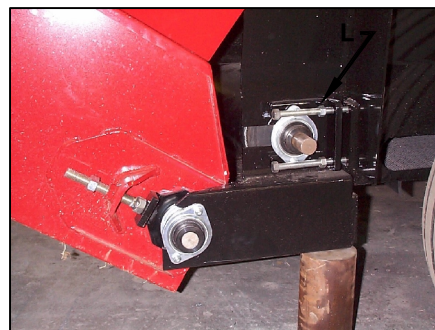
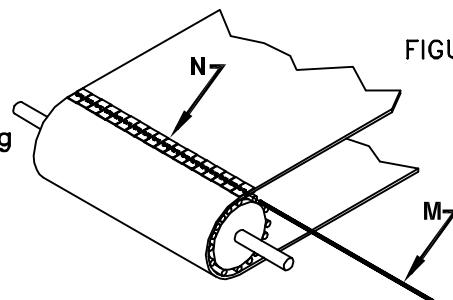


FIGURE 7



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LUBRICATION & SERVICE



CAUTION: Never lubricate or service while machine is running.

SYMBOLS



Lubricate with an SAE multipurpose type grease at hourly intervals indicated on the symbols.

LUBRICATE AS REQUIRED

Clevises, Linkages, Swing Hitch, and Other Moving Parts.

When lubricating the Roto-Cut, make a practice of putting a few drops of SAE 30 oil on all clevises, linkages, and other moving parts. This will make them work easier and prolong their life.

Chains – Feeder Chains, Conveyor Drive Chains

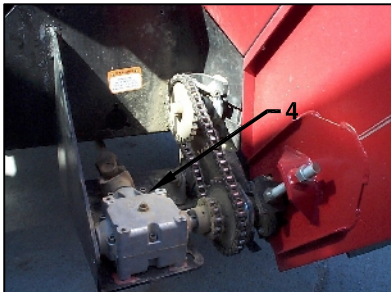
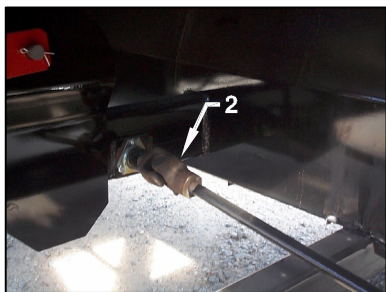
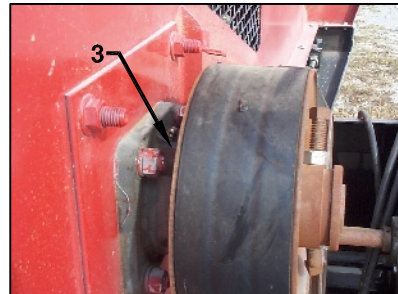
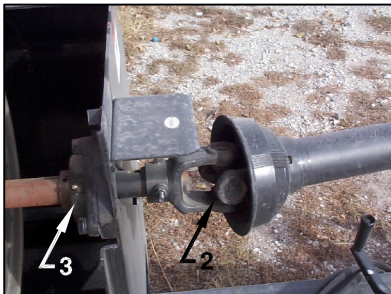


CAUTION: Never lubricate chains with the Roto-Cut running.

Lubricate chains every 10 hours of operation with SAE 30 or heavier oil. Run chain for a few minutes before lubricating. A warm chain increases the penetration of oil between pins and bushings. Shut off tractor before lubricating chains.

Gearbox Lubrication

Fill to level as indicated by oil level plug. Do not overfill. After the first (100) hours of operation, drain out initial oil (preferably while warm), clean with flushing oil to remove contaminants and refill to level with new oil. Thereafter, under normal operating conditions, the lubricant should be changed every (2500) hours of operation or every (6 months) whichever occurs first. Change oil more frequently under severe dusty or dirty conditions or rapid changes in temperature. The following chart indicates oil types for different temperature ranges.



10-HOUR OR DAILY LUBRICATION

1. Fork Bushings
2. PTO U-Joints



40-HOUR LUBRICATION

3. Ball Bearings
(Rotor, PTO Drive, and Belt Non-Drive)

OIL TYPES FOR CLIMATE

Ambient Temperature	Lubricant
-20 deg. to 0 deg.	SAE 10W/30 or 10W/40
0 deg. to 40 deg.	SAE 80 Gear Oil
40 deg. to 100 deg.	SAE 90 Gear Oil
100 deg. to 150 deg.	SAE 140 Gear Oil

All Gear Oil should contain anti-foaming agents.

4. Gearbox

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ROTOR & CONCAVE KNIFE REPLACEMENT

FIGURE 8



FIGURE 8 – KNIFE REPLACEMENT

Lower bale cradle so machine can be entered from the left side of the machine. Make sure all power is disconnected from machine before entering feeding chamber. Inspect knives on drum to see if other side can be used. Knives can be reversed if back side is not worn. To replace knives remove bolt and lock nut from mounting plate. It is recommended to replace bolts & nuts when replacing knives. SEE FIG 8

ADJUSTMENT OF FLOW CONTROL

FIGURE 6



FIGURE 8 – FLOW CONTROL ADJUSTMENTS

The Flow Control Valve adjusts the speed of the bale feeding into the rotor.

Set the lever on the Flow Control Valve on 2 for initial start-up. As the bale is fed into the rotor, adjust the valve for speed required for your type of hay and your tractor power.

Setting the lever on higher numbers will increase the speed of the feeder chain, and lower numbers will decrease the speed of the feeder chain.

If the tractor engine pulls down excessively, decrease the speed of the feeder chain. numbers will decrease the speed of the feeder chain. SEE FIG 8

FEEDER CHAIN REPLACEMENT

FIGURE 6



FIGURE 8 – FEEDER CHAIN REPLACEMENT

To replace feeder chains back off tensioner in FIG 1 & 2 (ROLLER, CHAIN TENSIONER).

Remove clips off chain (A) and pull links apart. Feeder chain then can be pulled from table to be replaced.

Installing new chain just reverse the process. Keeping open end of teeth facing the left side of the machine as shown in FIG 8.

400106

INSTALLATION OF OPTIONS & SET-UP PROCEDURES

INSTALLATION OF UPPER SHIELDS

FIGURE 8



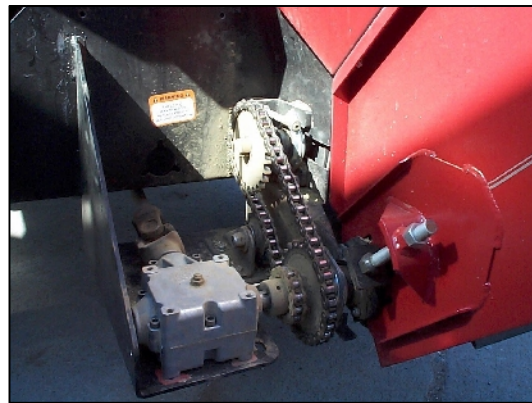
FIGURE 8 – UPPER SHIELD INSTALLATION

1. Fasten Upper Shields to Table, using 20 – $\frac{3}{8}$ x $\frac{3}{4}$, Wiz bolt (A) and 6 – $\frac{3}{8}$ x 1.00, Wiz bolts and 26 – $\frac{3}{8}$, Wiz nuts.

CONVEYOR INSTALLATION

(REAR)

FIGURE 6



CONVEYOR INSTALLATION

Using a hoist or other type of lifting mechanism, lift rear conveyor (A) so bottom bearings can slide into mounts (B). Rear conveyor should be totally assembled when connecting to table. Bolt outside bearings on roller, to conveyor mount tighten up bearing bolts and place locking collars on shaft. Install winch using 3 – $\frac{3}{8}$ x 1.00 wiz bolts & nuts. Install cable pulley bracket using 1 – $\frac{1}{2}$ x 2.50 bolt and lock nut, attach pulley bracket to conveyor support on upper shield (C) using a chain clevis link. After installing cable pulley, thread cable from winch, thru pulley to clevis back on conveyor uprights. Loop cable thru eye on backboard and fasten end to cable using 2 cable clamps. Tighten cable clamps firmly, this helps support the rear conveyor. Install slide tubes on machine using 2 lynch pins at top of machine. Uprights should have enough stroke to reach the conveyor when it is on the ground. Attach uprights to conveyor and snap lynch pins in place. Begin raising conveyor to height that is desired.

CONVEYOR DRIVE INSTALLATION

After rear conveyor is attached install drive sprocket, coupler, and drive chain connect to drive roller. Attach chains to drive sprocket then attach to couplers. Tension may have to be adjusted in rollers on lower conveyor check distance between bats of lower and rear conveyor.

400105

INSTALLATION OF LOADING ARM

FIGURE 5

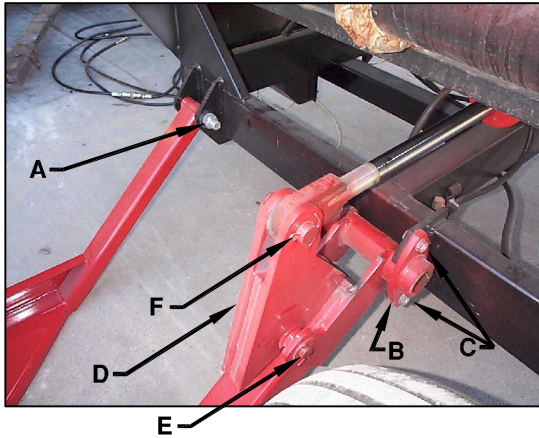


FIGURE 6



1. Move Fork (1) into position and fasten to frame at using two 1" x 7" (A) and two 1" lock nuts.
2. Slide Fork Mount (B) over tube in middle of fork. Fasten with four 1/2 x 1 1/2" bolts and 1/2 wiz nuts (C).
3. Install Lower Pin (E) into Fork Idler Lug (D) and fasten with cottor pin.
4. Lower Cylinder into Fork Idler Lug. Cylinder may have to be extended to be before holes will be aligned so Upper Pin (F) can be fastened with cottor pin.
5. WHEN TRANSPORTING THE ROTO-CUT ALWAYS LATCH SAFETY BAR TO FORK.

ROTOR INSTALLATION

FIGURE 6

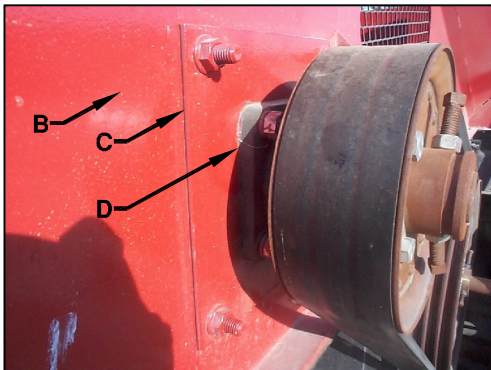
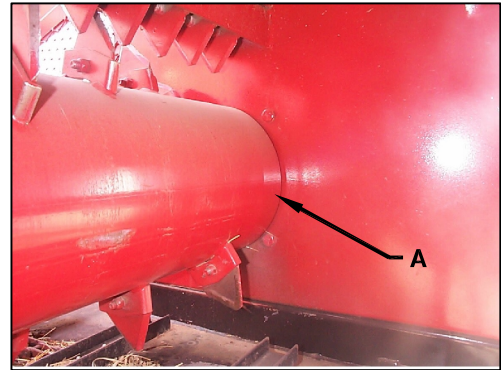


FIGURE 7

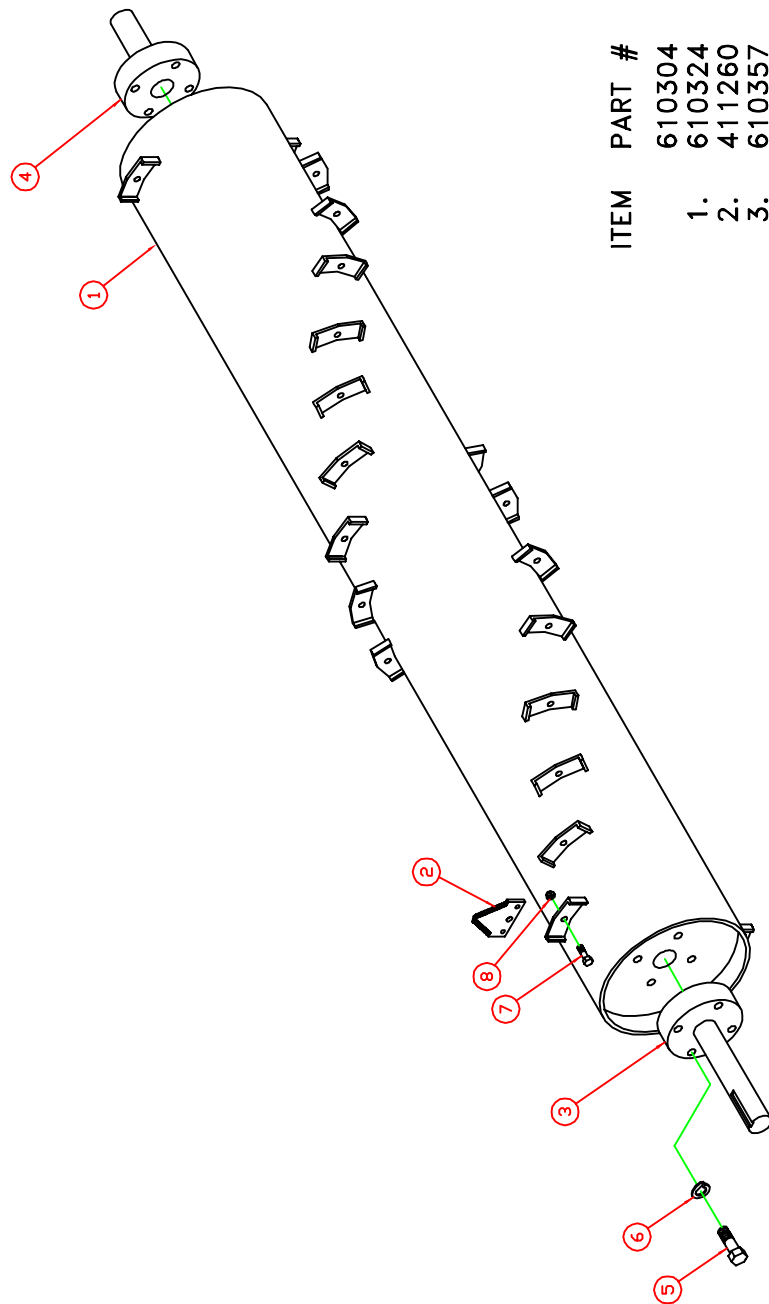


1. Push Rotor (A) to front opening of Bearing Support (B). Keep Rotor as parallel as possible.
2. Fasten Drive Hub to Rotor using four 1/2" x 2 1/2" bolts, and lock washers. Repeat on Non-Drive Hub.
3. Attach Bearing Mount (C) over Drive Hub fasten using four 1/2" x 1 1/4" bolts & whiz nuts. Repeat on Non-Drive Hub.
4. Install Bearing (D) to Bearing Mount (C) fasten using four 1/2" x 1 1/2" bolts & hex nuts. Repeat on Non-Drive Hub.

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PARTS LISTING

ROTOR ASSEMBLY

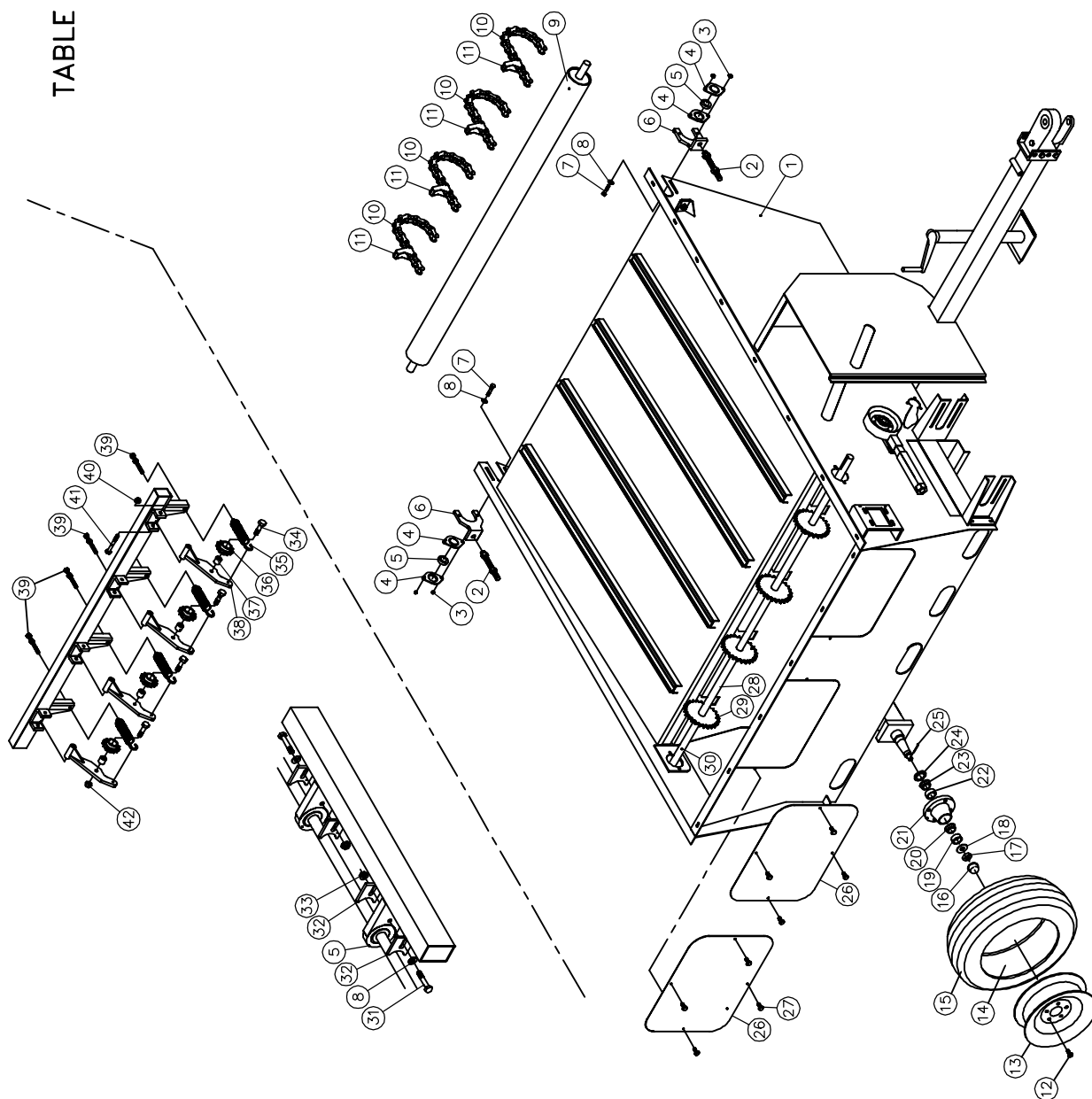


ITEM	PART #	DESCRIPTION
1.	610304	ROTOR COMPLETE
2.	610324	ROTOR WELD ASSEMBLY
3.	411260	SICKLE SECTION (30)
4.	610357	DRIVE HUB (1)
5.	610358	NON-DRIVE HUB (1)
6.	410273	BOLT, 1/2 x 2.50 (8)
7.	510219	LOCK WASHER, 1/2 (8)
8.	510257	BOLT, 3/8 x 0.75 (30)
	510491	LOCK NUT, 3/8 (30)

TABLE COMPONENTS

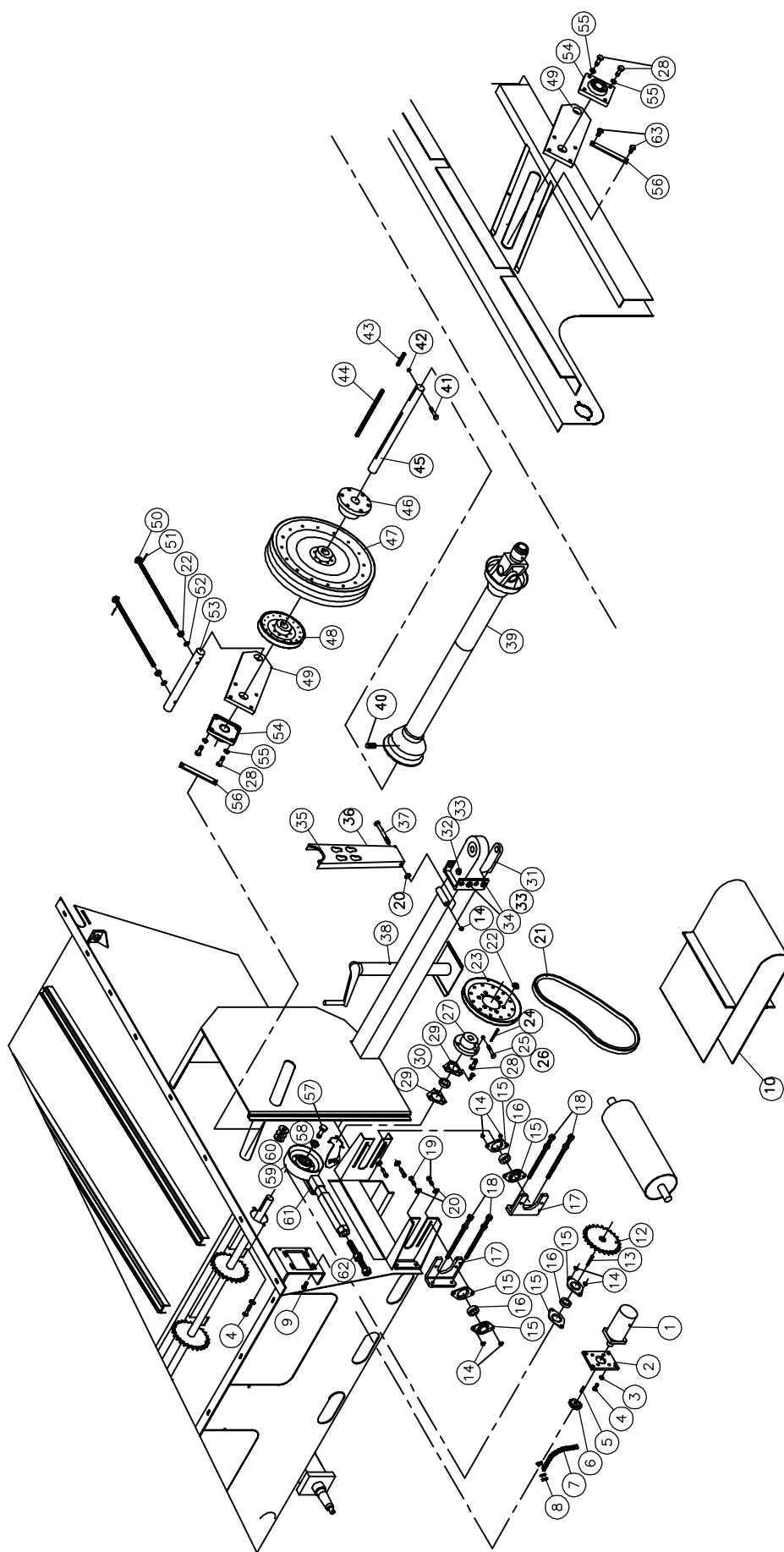
ITEM	PART #	DESCRIPTION	ITEM	PART #	DESCRIPTION
1.	411355	TABLE WELDMENT	22.	410114	INNER CUP (2)
2.	610332	BEARING ADJUSTMENT ASSY. (2)	23.	410104	INNER BEARING (2)
3.	510471	LOCK NUT, 3/8 (2)	24.	410105	BEARING SEAL (2)
4.	410233	FLANGE (4)	25.	510175	COTTER PIN (2)
5.	410232	BEARING (3)	26.	411429	COVER, CONVEYOR CHUTE (2)
6.	610333	BEARING ADJUSTMENT BRACKET (2)	27.	510401	WIZ BOLT, 3/8 x 0.75 (8)
7.	510351	BOLT, 3/8 x 1.50 (2)	28.	411472	SPROCKET SHAFT (1)
8.	510365	FLAT WASHER, 3/8 (8)	29.	440070	SPROCKET, 6020 (4)
9.	411171	ROLLER WELDMENT (1)	30.	410238	KEY, 1/4 x 2.25 (5)
10.	411170	CONNECTING LINK (4)	31.	410267	BOLT, 3/8 x 2.00
11.	440065	CHAIN/TABLE (4)	32.	411294	BEARING RETAINER (4)
12.	410106	LUG BOLTS	33.	710631	WIZ NUT, 3/8 (5)
13.	410107	WHEEL (2)	34.	710112	BOLT, 5/8 x 3.00 (5)
14.	410651	INNER TUBE (2)	35.	610202	SPRING (4)
15.	410113	TIRE (2)	36.	310308	SPROCKET ASSY. (5)
16.	410112	DUST CAP (2)	37.	411409	BUSHING/TENSIONER (4)
17.	410108	CASTLE NUT (2)	38.	411412	BRACKET/TENSIONER (4)
18.	410109	WASHER, SPINDLE (2)	39.	411415	CHAIN TENSIONER (4)
19.	410115	OUTER CUP (2)	40.	510396	LOCK NUT, 1/2 (4)
20.	410103	OUTER BEARING (2)	41.	110004	BOLT, 1/2 x 4.50 (4)
21.	410111	HUB (2)	42.	710113	LOCK NUT, 5/8 (5)

TABLE COMPONENTS

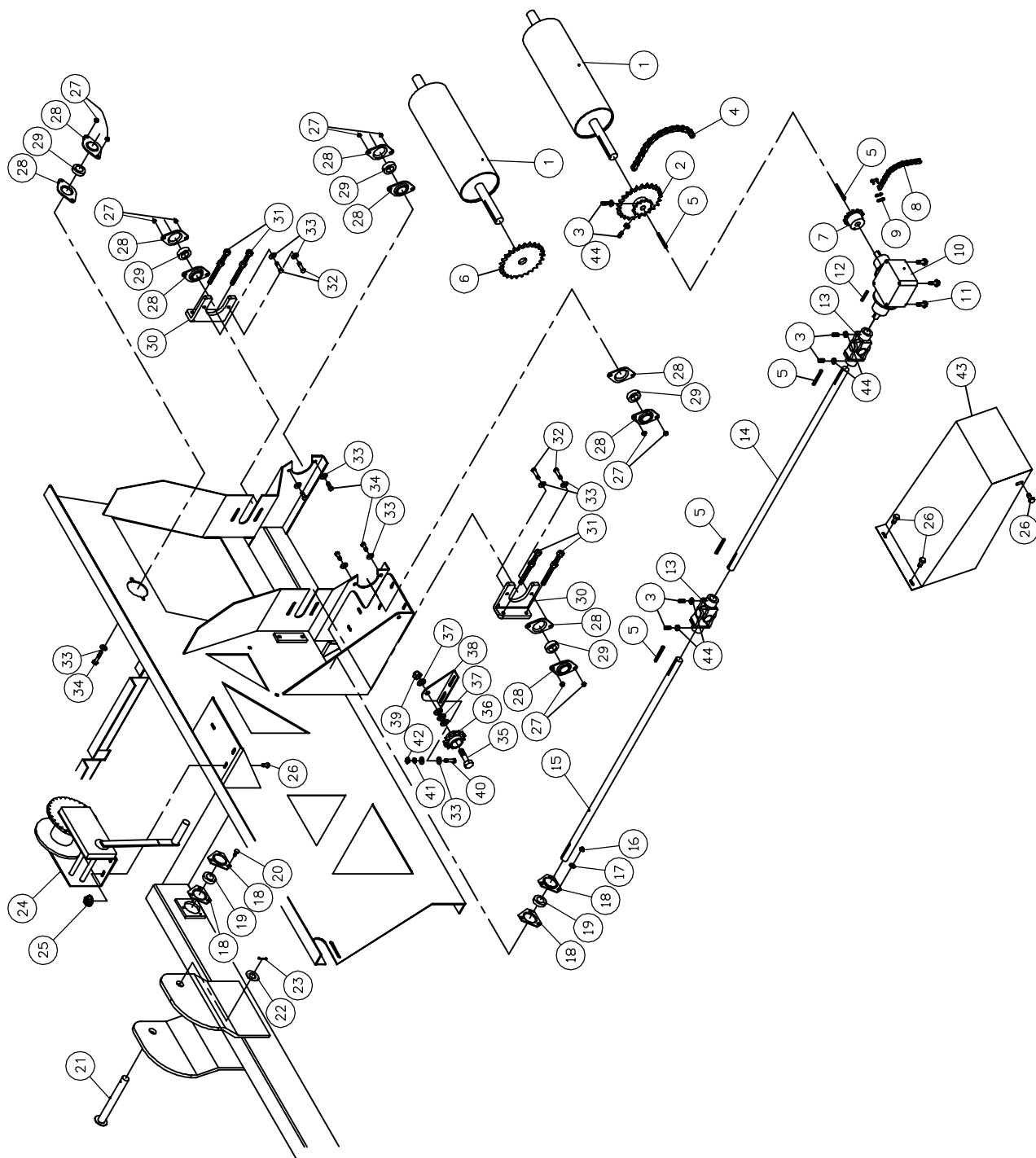


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ITEM	PART #	DESCRIPTION	ITEM	PART #	DESCRIPTION
1.	420130	MOTOR/SLAT DRIVE (1)	33.	510944	LOCK NUT, 3/4 (3)
2.	410365	MOTOR MOUNT (1)	34.	310204	BOLT, 3/4 x 6.00 (2)
3.	510271	LOCK WASHER, 3/8 (4)	35.	610464	EDGE MOLDING (1)
4.	510063	BOLT, 3/8 x 1.00 (6)	36.	610342	PTO HANGER (1)
5.	410321	WOODRUFF KEY (1)	37.	710518	BOLT, 3/8 x 4.50 (1)
6.	410375	SPROCKET/SLATDRIVE (1)	38.	410048	JACK (1)
7.	410373	SLAT DRIVE CHAIN (1)	39.	411454	DRIVE SHAFT/PTO (1)
8.	410442	MASTER LINK (1)	40.	110157	5/16-18 X 3/4 SET SCREW
9.	410272	BOLT CARRIAGE, 3/8 x 1.25 (4)	41.	710516	BOLT, 5/16 x 3.00 (1)
10.	440054	BELT, LOWER CONVEYOR (1)	42.	500202	LOCK NUT, 5/16 (1)
11.	440059	NON-DRIVE ROLLER (1)	43.	610359	KEY, PTO (1)
12.	340007	SPROCKET/SLAT DRIVE (1)	44.	411482	KEY, DRIVE PULLEYS (1)
13.	410238	KEY, 1/4 x 2.25 (5)	45.	411454	DRIVE SHAFT/PTO (1)
14.	510471	LOCK NUT, 3/8 (7)	46.	440009	QD BUSHING, 1.50 (1)
15.	410233	FLANGE (6)	47.	640035	CAST PULLEY, 20.5
16.	410232	BEARING (3)	48.	440067	PULLEY HUB, 7.50 (1)
17.	411426	ROLLER ADJUSTMENT BRACKET (4)	49.	610577	TENSIONER SUPPORT (2)
18.	411439	ALL-THREAD TENSIONER (4)	50.	411464	TENSIONER WELDMENT (2)
19.	510351	BOLT, 3/8 x 1.50 (4)	51.	110256	ROLL PIN, .125 x 1.25 (2)
20.	510365	FLAT WASHER, 3/8 (7)	52.	510258	WASHER, 7/16 (2)
21.	440057	BELT, C55 (1)	53.	411463	TENSIONER PIN (1)
22.	210350	WIZ NUT, 1/2 (5)	54.	410851	FLANGE BEARING, 1.50 (2)
23.	640028	PULLEY, 10.50 (1)	55.	510219	LOCK WASHER, 1/2 (8)
24.	411481	KEY, COUPLER (1)	56.	610555	TENSIONER STRAP (2)
25.	500022	BOLT, 1/4 x 3.50 (1)	57.	411499	BOLT, 3/4 x 2.500 (1)
26.	110174	LOCK NUT, 1/4 (1)	58.	310032	LOCK WASHER, 3/4 (1)
27.	440055	PULLEY BUSHING (1)	59.	440068	IDLER PULLEY (1)
28.	510218	BOLT, 1/2 x 1.50 (11)	60.	440071	GEARBOX (1)
29.	310338	FLANGE, 3 BOLT (2)	61.	411476	IDLER TENSIONER (1)
30.	310337	BEARING (1)	62.	411501	TENSIONER (1)
31.	610423	PERFECT HITCH (1)	63.	510401	WIZ BOLT, 3/8 x 0.75 (2)
32.	310076	BOLT, 3/4 x 5.50 (1)			

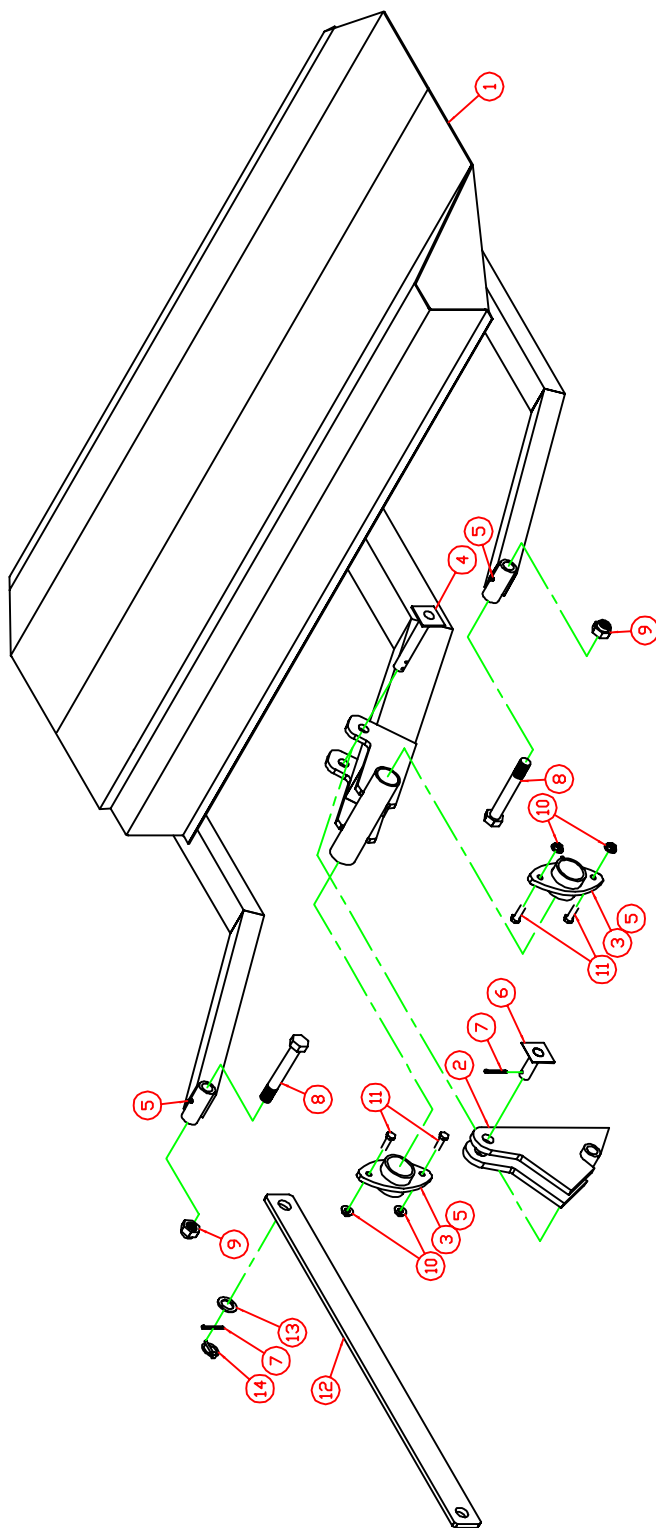


ITEM	PART #	DESCRIPTION	ITEM	PART #	DESCRIPTION
1.	440058	DRIVE ROLLER (2)	23.	510462	COTTER PIN (1)
2.	710113	LOCK NUT, 5/8 (1)	24.	440052	HAND WINCH (1)
3.	110235	3/8-16 X 1 SQ. HD SET SCREW (6)	25.	710631	WIZ NUT, 3/8 (5)
4.	411480	CHAIN/CONVEYOR (1)	26.	510401	WIZ BOLT, 3/8 x 0.75 (6)
5.	411481	KEY, COUPLER (5)	27.	510471	LOCK NUT, 3/8 (10)
6.	410372	SPROCKET, 6020 (1)	28.	410233	FLANGE (10)
7.	410229	COUPLER, 1.00 BORE (1)	29.	410232	BEARING (5)
8.	410230	COUPLER CHAIN (1)	30.	411426	ROLLER ADJUSTMENT BRKT (2)
9.	410442	MASTER LINK (3)	31.	411442	ALL-THREAD/TENSIONER (4)
10.	440071	GEARBOX (1)	32.	510351	BOLT, 3/8 x 1.50 (4)
11.	110161	WIZ BOLT, 3/8 x 1.25 (4)	33.	510365	FLAT WASHER, 3/8 (10)
12.	510228	KEY, 1/4 x 1.00 (1)	34.	510063	BOLT, 3/8 x 1.00 (5)
13.	440061	U-JOINT, CONVEYOR (2)	35.	710112	BOLT, 5/8 x 3.00 (1)
14.	411493	REAR SHAFT, CONVEYOR (1)	36.	310308	SPROCKET ASSY. (1)
15.	411453	GEARBOX SHAFT (1)	37.	510080	WASHER, 5/8 (4)
16.	500202	LOCK NUT, 5/16 (6)	38.	411502	BRACKET, SPROCKET (1)
17.	110069	WASHER, 5/16 (6)	39.	710113	LOCK NUT, 5/8 (5)
18.	310338	FLANGE, 3 BOLT (4)	40.	510113	BOLT, 3/8 x 1.25 (2)
19.	310337	BEARING (2)	41.	510271	LOCK WASHER, 3/8 (6)
20.	510066	BOLT, 5/16 x 0.75 (6)	42.	510272	NUT, 3/8 (2)
21.	610345	CYLINDER PIN, BASE (1)	43.	411444	GEARBOX SHIELD
22.	510173	WASHER, 1.00 SAE (1)	44.	110107	3/8-16 LOCK NUT (6)



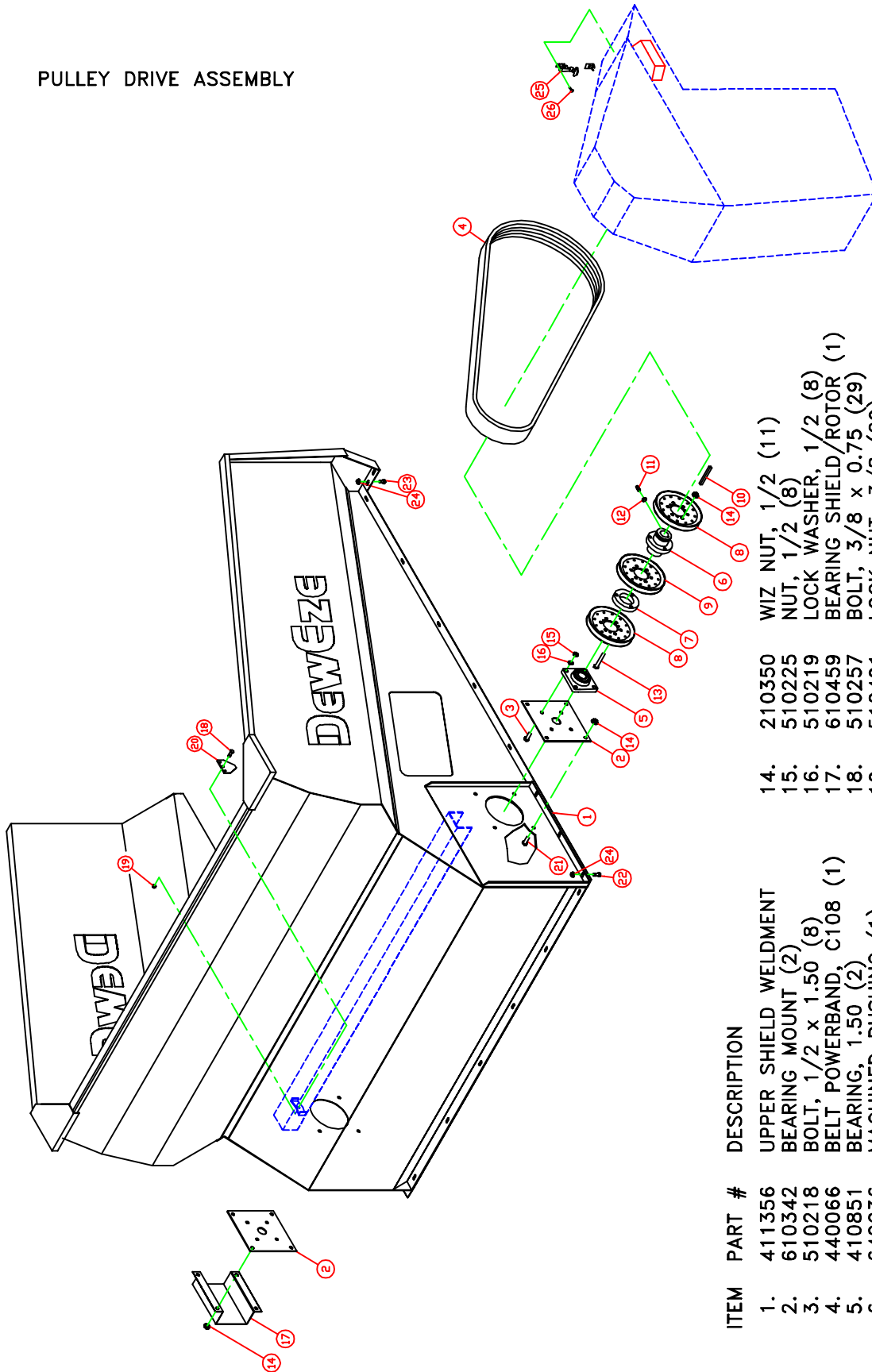
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CRADLE ASSEMBLY



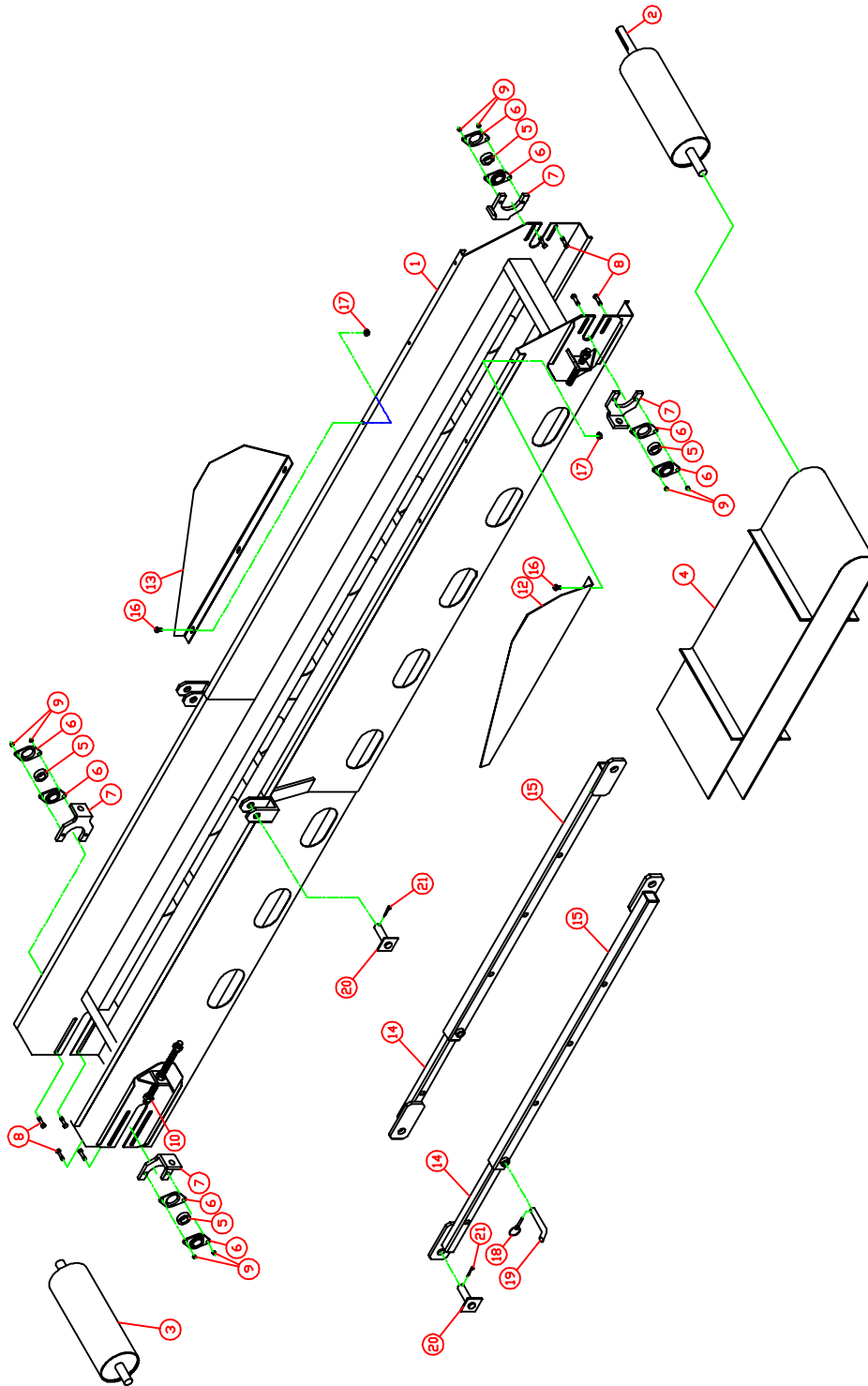
ITEM	PART #	DESCRIPTION			
1.	411358	BALE CRADLE	200021	1.00 x 7.00, BOLT (2)	
2.	610573	IDLER LUG (1)	410424	1.00, LOCK NUT (2)	
3.	610535	FORK MOUNT WELDMENT (2)	210350	1/2, WIZ NUT (4)	
4.	610576	PIN/BOTTOM ARM (1)	510218	1/2 x 1.50, BOLT (4)	
5.	510174	ZERK (4)	610525	SAFETY BAR (1)	
6.	610397	LIFT PIN/FORK (1)	510173	WASHER (1)	
7.	510175	COTTER PIN (1)	210006	LYNCH PIN (1)	
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PULLEY DRIVE ASSEMBLY



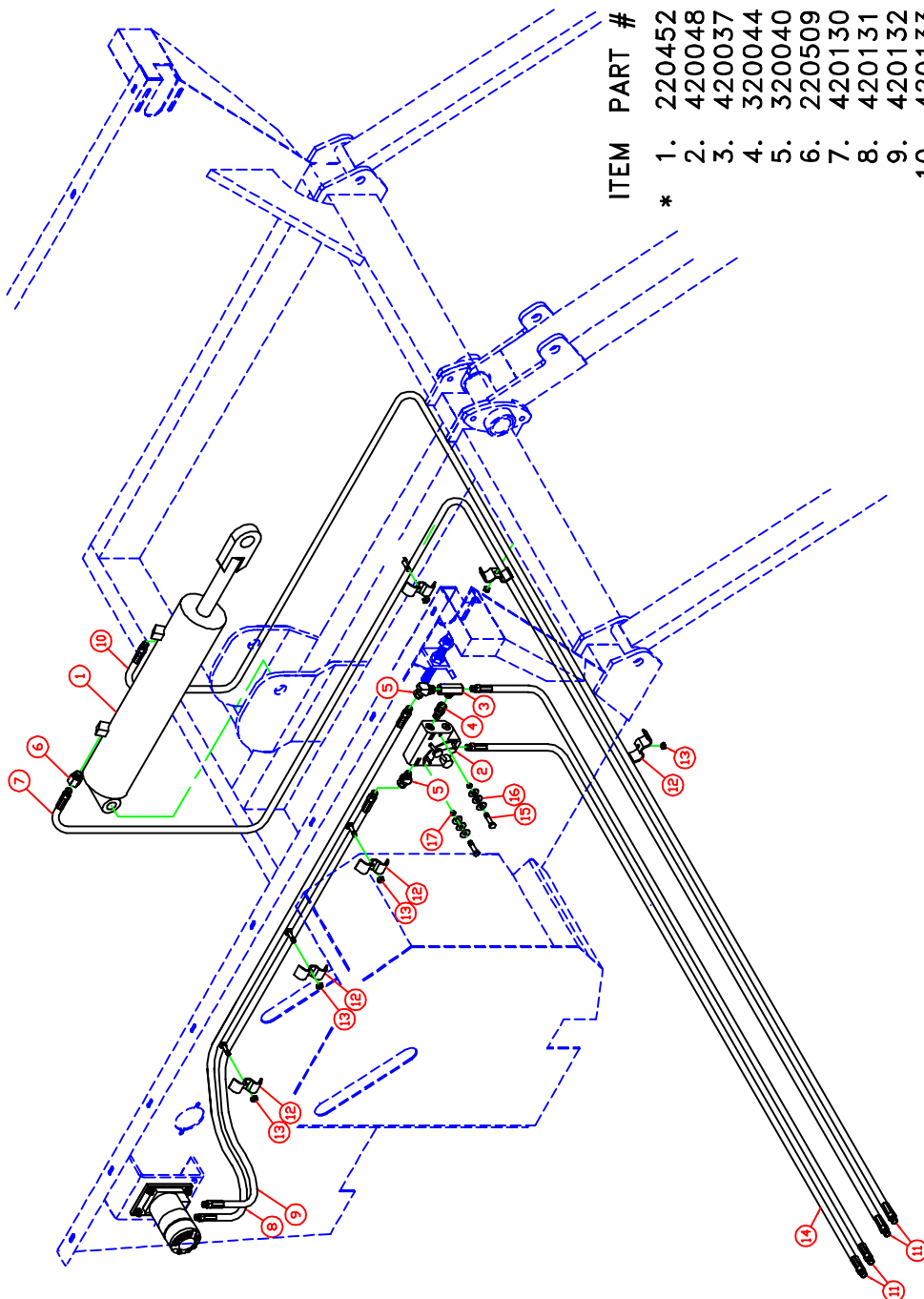
ITEM	PART #	DESCRIPTION	
1.	411356	UPPER SHIELD WELDMENT	210350
2.	610342	BEARING MOUNT (2)	510225
3.	510218	BOLT, 1/2 x 1.50 (8)	510219
4.	440066	BELT POWERBAND, C108 (1)	610459
5.	410851	BEARING, 1.50 (2)	510257
6.	640036	MACHINED BUSHING (1)	510491
7.	640037	SPACER (1)	411161
8.	640027	PULLEY, 10.50 (2)	510473
9.	640026	PULLEY, 10.50 (1)	510453
10.	610558	KEY, 3/8 x 4.00 (1)	510401
11.	110235	SET SCREW, 3/8 x 1.00 (2)	710631
12.	110107	JAM NUT, 3/8 (2)	500307
13.	510213	BOLT, 1/2 x 3.00 (3)	110096
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PULLEY DRIVE ASSEMBLY



ITEM	PART #	DESCRIPTION	
1.	411357	CONVEYOR WELDMENT	
2.	440058	DRIVE ROLLER (1)	
3.	440059	NON-DRIVE ROLLER (1)	
4.	440053	BELT/REAR CONVEYOR (1)	
5.	411232	BEARING (4)	
6.	411233	FLANGE (8)	
7.	610333	ADJUSTMENT BRACKET (4)	
8.	510351	BOLT, 3/8 x 1.50 (8)	
9.	510491	LOCK NUT, 3/8 (8)	
10.	411428	BEARING ADJ. (SHORT) (2)	
11.	610332	BEARING ADJ. (LONG) (2)	
12.	411470	CONVEYOR SHIELD/RT (1)	
13.	411471	CONVEYOR SHIELD/LT (1)	
14.	411457	CONVEYOR TUBE (INSIDE) (2)	
15.	411468	CONVEYOR TUBE (OUTSIDE) (2)	
16.	510401	WIZ BOLT, 3/8 x 0.75 (6)	
17.	710631	WIZ NUT, 3/8 (6)	
18.	210006	LYNCH PIN (2)	
19.	411486	PIN/CONVEYOR TUBE (2)	
20.	210757	PIN (2)	
21.	100465	COTTER PIN (2)	

HYDRAULICS ASSEMBLY



ITEM PART # DESCRIPTION

* 1.	220452	LIFT CYLINDER (1)
2.	420048	FLOW CONTROL (1)
3.	420037	ADAPTER 8FP-8FP-8MP (1)
4.	320044	ADAPTER 8MP-8FPX (1)
5.	320040	ADAPTER 8MP-8FPX45 (2)
6.	220509	RESTRICTER 8MP-8FPX (1)
7.	420130	HOSE ASSEMBLY (1)
8.	420131	HOSE ASSEMBLY (1)
9.	420132	HOSE ASSEMBLY (1)
10.	420133	HOSE ASSEMBLY (1)
11.	420005	PIONEER COUPLER (4)
12.	410101	HOSE CLAMP (6)
13.	510491	3/8, LOCK NUT (6)
14.	620018	HOSE ASSY (2)
15.	410526	BOLT, 3/8 x 2.50 (2)
16.	510322	WASHER, 1/4 (6)
17.	540076	LOCK NUT, 1/4 (2)