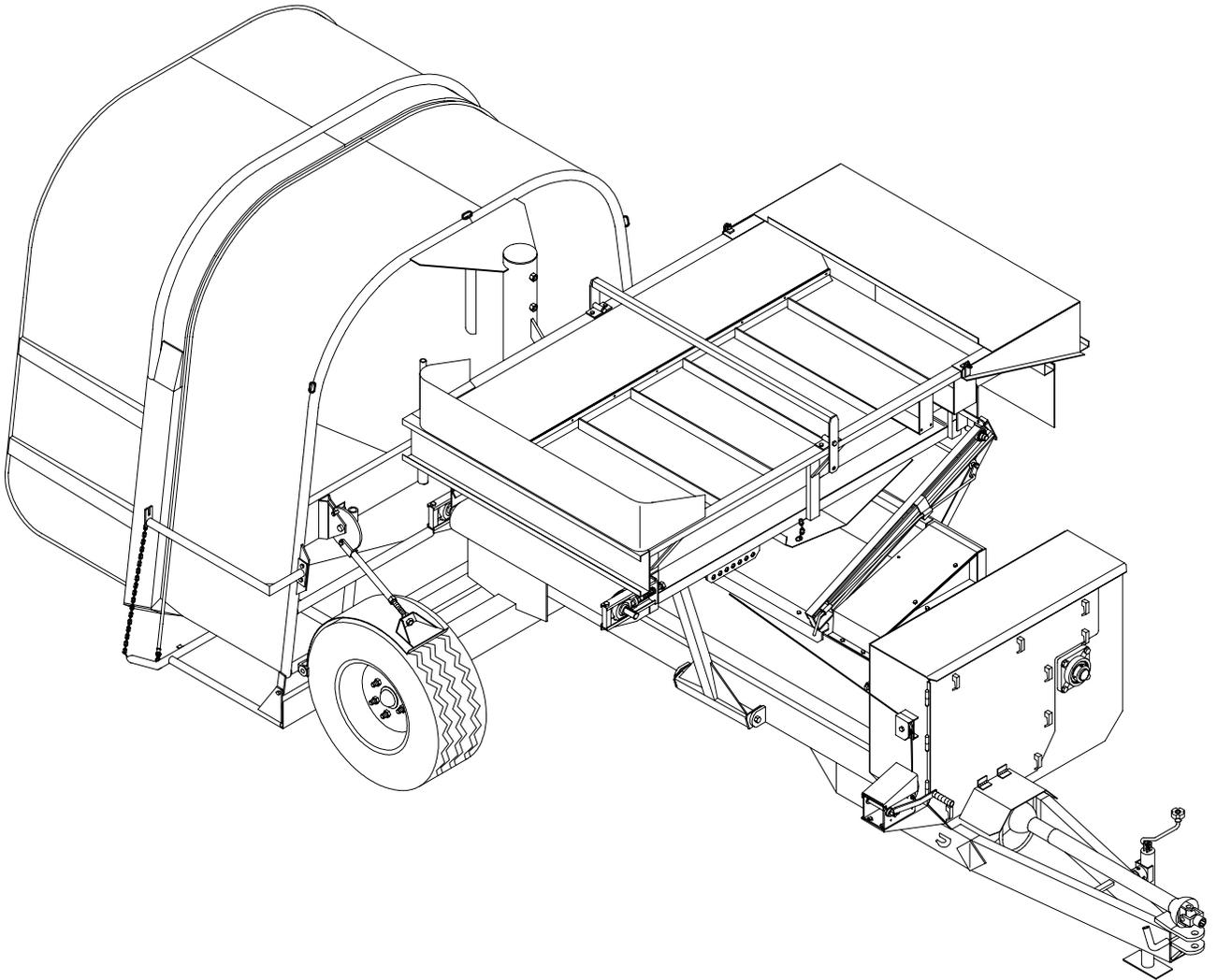




THE ONE MACHINE THAT
WILL BAG ALL YOUR CROPS

ROTO-PRESS



MODEL 804 OPERATION AND MAINTENANCE MANUAL

877 1st AVE. NW Sioux Center, IA 51250 Wats 1-866-722-1488 Iowa 1-712-722-1488

www.siouxautomation.com

5/20/04

RP89000

\$15

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:

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

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

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

If you have any questions not answered in this manual or require additional copies or the manual is damaged, please contact your dealer or Sioux Automation Center, Inc., 877 1st Avenue N.W., Sioux Center, IA, 51250. (Telephone) 712-722-3711, (Fax) 712-722-3706.



SAFETY ALERT SYMBOL

- THE SAFETY ALERT SYMBOL IS USED TO PINPOINT CHARACTERISTICS WHICH IF NOT PROPERLY FOLLOWED CAN CREATE A SAFETY HAZARD.
- WHEN YOU SEE THIS SYMBOL IN THIS MANUAL OR ON THE UNIT ITSELF, YOU ARE REMINDED TO:

**BE ALERT!
YOUR PERSONAL SAFETY IS INVOLVED!**

SAFETY FIRST



FARM AND INDUSTRIAL EQUIPMENT INSTITUTE SAFETY ALERT SYMBOL.

This symbol is used preceding all **CAUTION** (a general safety reminder), **WARNING** (denotes a potential hazard), and **DANGER** (denotes a potential injury) notices!

Most farm accidents, like industrial, home, and highway accidents are caused by the failure of some individuals to observe simple and fundamental safety rules or precautions. For this reason, farm accidents, just as other types of accidents, can be prevented by recognising the causes of accidents and doing something about them before an accident occurs.

Regardless of the care used in the design and construction of farm equipment, there are many points that cannot be completely safeguarded without interfering with accessibility and efficient operation.

A CAREFUL OPERATOR IS THE BEST INSURANCE AGAINST AN ACCIDENT

The complete observance of one simple rule would prevent many thousand serious injuries each year. That rule is "**NEVER ATTEMPT TO CLEAN, OIL, OR ADJUST A MACHINE WHILE IN MOTION**".

NATIONAL SAFETY COUNCIL

BEFORE ATTEMPTING TO OPERATE YOUR NEW MACHINE, BE SURE TO READ THIS OWNERS MANUAL AND FAMILIARIZE YOURSELF WITH THE MACHINE!! OBSERVE THE FOLLOWING PRECAUTIONS FOR SAFE OPERATIONS OF THIS MACHINE!!

SAFETY TIPS:

1. Keep Hands, Feet, and Clothing away from PTO Shaft!
2. DO NOT Climb on or enter Machine while in operation.
3. DO NOT Make High Speed Maneuvers with the machine.
4. Disengage PTO and remove Keys before servicing.
5. Keep ALL Shields in place.
6. DO NOT allow riders on outside of vehicle.
7. DO NOT attempt to clean, oil or adjust machine while in motion.
8. DO NOT exceed rated PTO RPM speed.

INTRODUCTION

Thank You for purchasing a ROTO-PRESS. The purpose of the ROTO-PRESS is to give the agricultural industry the ability to use economical, fast, and unlimited storage for their different types of crops. The ROTO-PRESS is the result of many years of field testing and design, and is built to a high level of quality that will give you many years of dependable service if properly used, maintained and serviced.

Along with the purchase of your new ROTO-PRESS you have become part of a fine family of agricultural equipment, and a fully equipped and knowledgeable service staff that can help you with all your needs.

In addition to reading and completely understanding this owner's manual, please take the time to fill out the warranty registration sheet so that we may process your warranty, as well as anticipate your future needs.

MODEL NO: _____ SERIAL NO: _____

DATE: _____

Please have these ready when phoning in for service.

Sioux Automation Center Inc.
877 1ST AVE NW
SIOUX CENTER IA 51250
(712) 722-1488
www.siouxautomation.com

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USING YOUR ROTO-PRESS

READ CAREFULLY

SETUP

1. When you receive your new ROTO-PRESS from the factory, it is not immediately necessary to check the machine for bearing lubrication, or chain tightness as these items have been factory serviced. It is recommended to walk around the machine and familiarize yourself with the location of all moving parts, caution decals, the general operating dimensions and the basic working features of the ROTO-PRESS.



CAUTION! BEFORE OPERATING THIS MACHINE, READ AND UNDERSTAND THIS OWNER'S MANUAL AND ALL CAUTION, WARNING AND DANGER SYMBOLS LOCATED ON THE MACHINE AND IN THIS MANUAL.

2. All lubrication has been completed at the factory prior to delivery, and will not be immediately necessary. The oil bath has been filled to the proper level. Take note that the oil does not run any higher than approximately halfway up the very lowest part of the drive chain. All bearings should be greased according to the enclosed lubrication schedule.

IMPORTANT! DO NOT OVER GREASE BEARINGS, SEAL FAILURE AND SUBSEQUENT PREMATURE BEARING FAILURE COULD RESULT.

OPERATION



CAUTION! BEFORE ATTEMPTING TO RUN THE ROTO-PRESS CHECK THE AUGER CHAMBER FOR FOREIGN MATERIAL. MAKE SURE THAT ALL SHIELDS ARE IN PLACE, AND THAT ALL SAFETY DECALS ARE UNOBSTRUCTED.

1. Pick a tractor large enough for your application; it is better to be too big than too small. Some general horsepower requirements are: hay or cracking requires 130 hp, ground ear corn or snaplage requires 115 hp, shell corn requires 80 hp. Fuel tank on tractor should be full before starting. Hook up the tractor to the bagger.
2. Before you begin to set-up the ROTO-PRESS, pick a suitable location for the bag(s). The location should be well drained, smooth, and fairly solid; long enough for the size bags you are using and easily accessible for both filling and unloading. Check the length and remember that the tractor and bagger take approximately 40-50 feet extra. Also, a slight incline (uphill) is preferred, however there should not be a side hill. If there is a choice of bagging uphill or downhill, always bag uphill. Remember that these are only recommendations, as it can be done almost anywhere.

- Position the ROTO-PRESS in a straight line with the tractor in the direction that you want to bag, making sure that the wheels of the tractor are pointed straightforward. See Figure 1. Keep checking the tractor front wheels while filling the bag, making sure that they are straight at all times. Many people will grab the steering wheel when getting on/off. Try not to do this. Remember to leave an additional 10 to 15 feet of room to put the bag on when positioning the tractor and bagger.

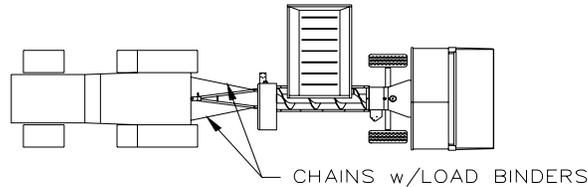


Figure 1

- In certain wet or soft conditions, the Roto-Press will try to push the tractor sideways. To correct this, use a section of chain with binders, hook one end to the grab hooks located on the ROTO-PRESS frame near the bottom of oil bath and attach the other end of the chain to the tractor axle. Do this on both sides of the machine.

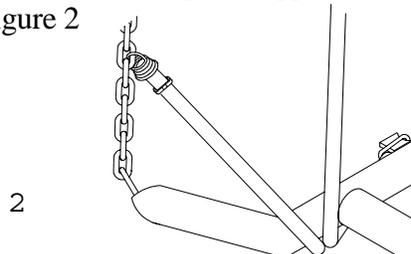
TRANSPORT LIGHTING

- When you receive your ROTO-PRESS, the transport lighting should be in the open position, meaning the lights are visible from the rear of the machine. Once the machine is positioned for bagging, the lights must be moved into the closed position. The light assemblies are accessible from the front of the machine, located behind the wheels. To close the light, pull the pin holding the light assembly and pull the assembly forward until it bumps against the stop. Replace the pin back into the additional hole in the light assembly bracket to hold the light assembly in the closed position.
- Before transporting the machine to a new location, reverse the process as described above. **It is very important to reposition the lights each time the machine is transported.**

BAG INSTALLATION

- Loosen the single chain loop on the bungee cord from the notched bar on the bag apron and then disconnect the hooks on both ends. Disconnect the yellow rope with hooks from the bagger's front shroud. Unhook the apron chain from the apron support and lower apron to the ground.

Figure 2





WARNING! ALL WORK TO INSTALL THE BAG SHOULD BE DONE FROM THE GROUND & BY STEPS ON AXLE. DO NOT CLIMB ON THE ROTO-PRESS. CLIMBING ON UNIT MAY RESULT IN INJURY OR DEATH.

2.
 - a. Winch the trolley\bag lift (if so equipped), pulling it along on both sides while standing on the ground and lower to approximately 3' off the ground. **Note: 3 or more people should be present at this point.**
 - b. If the ROTO-PRESS is not equipped with a bag boom, follow the instructions as outlined, except the bag will have to be manually lifted over the tunnel.
3. Position the box containing the proper size bag for your bagger behind the bag lift. Making sure the arrow is toward the machine. Cut the straps around the box and remove the top portion, and discard. Unfold the bottom portion of the remaining box. Remove the (2) blue straps that are holding the bag together. Making sure the black or inner side is toward the machine, have one person on each side of the bag; take a flap, lift and lay the top halves out and stretch the entire bag flat. Two (2) people should put their arms between the top flaps and put the bag around the bag lift. Remember to position the bag so the bars and lettering used to measure the stretch of bag are easily reached (approximately 3' to 4' from ground).
4. Put the bag around and under bottom of the shroud making sure that the bottom bag folds come off first. Then winch the bag lift up and move trolley\bag lift back over the shroud. **10ft. Units only:** Remove the locking pin from the bag lift support and raise it to the UP position, then replace the locking pins. Repositioning trolley\bag lift over the bag support, and lower onto supports. **Caution: Do not over tighten bag lift cable as to bow bag lift ends. Be careful not to pinch the bag.**
5. Using the two (2) blue straps cut earlier and the bottom of the box (to protect the bag from sliding on the ground), lift and place around bottom position of bag, slide the cardboard so that the flaps will just go up on to the apron. Then slide the bottom of the bag on the box and onto the bag apron. Make sure the bag is to the inside of the apron support. Raise the bag lift and roll it forward all the way to the front, sliding the bottom of the bag along on to the bag apron. Slide the cardboard just off the pan and discard.
6. Cut the remaining straps and remove them, being careful not to cut the bag. Carefully pull the inside of layer of the bag off with a gentle tugging action. Do not pull the rest of the bag off of the bag lift. Pull the bag off to 6 feet behind the machine. With one person on each side, pull the main part of the bag out and forward on the apron. This will get the wrinkles out and avoid getting the bag caught between the bag apron and the machine.

7. The following must be done on both sides: raise the bag apron up and lock the chains in the slots. Put the bungee cord over the bag just behind the main bag yet ahead of the pipe. Place ropes with the bottom side of the bag apron and the hook onto the chain links (keeping the hook to the outside so not to catch on the bag) holding the apron up about half way up to begin. (Figure 2) The cord must be tight and go on the front side of the apron (**Very Important**). Tie the ropes on the bungee cord forward to their appropriate hooks.

8. To close the bag, pull enough off of the shroud so that you can close off the one end. Pull a little more off of the bottom to start out. It is important not to allow wrinkles and to keep the bag fold lines straight. Take the opening of the bag and fold in both sides to form a pleat. Also requires the use of (2) 10' 2 x 4's. (Figure 3) Place the blank board on top and roll the bag around it four (4) times. Place the pre-nailed board on top to sandwich the plastic and nail them together.

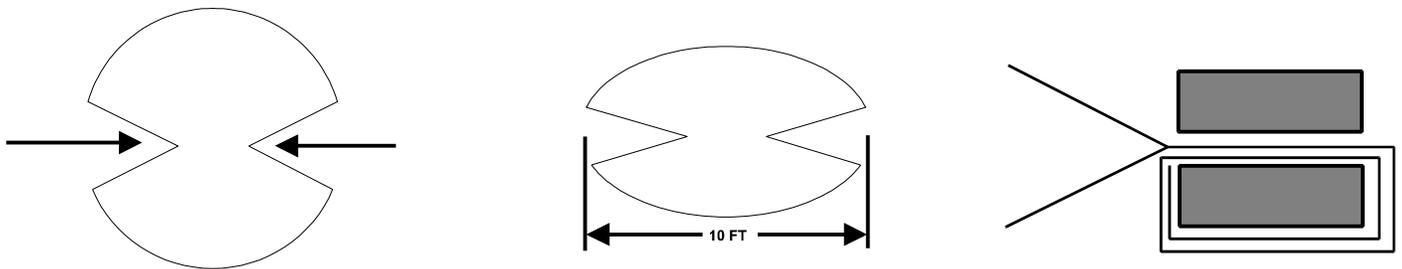


Figure 3

9. Let the boards hang down or prop them up by placing a bale or truck, tractor or skid loader to act as a back stop to hold it securely for the first three loads. This is to compensate for the bag coming off the top, later. Check that the apron is just loose enough to let off one fold at a time. Also check for tearing at the bottom. If this occurs, loosen the bungee cord and tape the tear.

10. Read directions and information sheet in the bag box completely. Measure for proper stretching of the bag. ROTO-PRESS does have the ability to over stretch and burst the bag.



WARNING! DO NOT STAND UNDERNEATH THE CONVEYOR WHILE IT IS BEING LET DOWN.

11. The conveyor is raised and lowered with a hand-operated winch mounted on the side of the oil bath. The conveyor slide mechanism is equipped with a safety lock that prevents the conveyor from coming down accidentally. When lowering the conveyor, release the safety lock by first raising the conveyor slightly, and then pull down on the safety lock handle. Remember to make sure that the safety lock is engaged, each time the conveyor is returned to the transport position. Lower down to just off the ground, or to the desired height, making sure the conveyor never comes in contact with the ground. Flip the hopper end chute over into its operating position. Hook up the tractor hydraulics and check the belt rotation to make sure the belt is moving in the right direction. If available, adjust the tractor

hydraulic flow to as slow as possible, and then adjust the ROTO-PRESS flow control to the desired speed. This will decrease the amount of heat created, by reducing the amount of excess oil pushed over the bypass of the flow control.

12. The ROTO-PRESS conveyor is equipped with a safety stop bar located across the width of the conveyor and is easily accessible from either side. Pulling the safety bar down will instantly shut the conveyor off. Pushing it up will resume operation. Always check the operation of the safety stop bar before beginning to fill the bag.

13. ROTO-PRESS that are equipped with auger units need to be mounted at this time using a loader and a chain to raise the auger up. Lower the peg in the hole on the right side of the machine. Hook up the hydraulic hoses. Place as far forward as possible.

14. To set the brakes on the ROTO-PRESS, remove the keeper pin on top of the brake assembly. Take the brake handle wrench and insert into the tube and then pull down. Tension is adjusted by using brake wrench handle on center portion of turnbuckle and turning or, older units turning the nut located on the threaded portion of the connecting rod.

ATTENTION! DO NOT SET THE BRAKES ON THE ROTO-PRESS SO TIGHT THAT IT CAUSES THE BAG TO SLIDE ON THE GROUND, THIS WILL TEAR THE BAG! SET THE BRAKES ON THE BAGGER LIGHTLY FOR THE FIRST THREE LOADS!

Adjust the ROTO-PRESS brakes as necessary after the first three loads.

15. Place the transmission in neutral, but not park! **This is very important!** Start the tractor and run at PTO speed. Lock in the hydraulic lever to run the conveyor.

BAG FILLING

1. The bag fills in direct relationship to the machine filling it. Watch the bag and the folds as they come off of the cone, as they must come off evenly. If either the top or bottom gets ahead, then pull off whatever is necessary to straighten them out or it will only continue to get worse. The unfolding bag must be regularly checked, because at certain conditions such as temperature, bag apron position or improper bungee cord tension, the bag may come off two or more folds at a time. If the bag is regularly checked, this will be no problem as the extra fold can be retucked into place. If not regularly watched, the whole bag could come off the end of the bagger.

2. Start filling; pull the bag toward the rear to avoid wrinkles on the ground. It may be necessary to adjust the position of the bag pan and bungee cord after some of the bag has come off.
3. An overflow door placed just behind the conveyor tells you if you need to slow the conveyor down. On the front side of the conveyor is a flow control to regulate the speed of the conveyor.

On roller mill units, adjust the slide control on the top so that the corn is getting to the entire roller. It should be mounded up just a little to make this happen.

On auger units, do not overfill the hopper. If it is full at the tube opening, that is good enough.

4. Continue filling the 2nd load. Check that the wheels are not sliding. Also, check the stretch marks on the bag. Do these about five (5) feet behind the machine. Apply or release the brakes according to the bag manufacturers allowable stretch.

On roller mill units, check the desired crack. Check this at the inspection hole on the right side of the machine. Adjustments can be made at the rear, left hand side of the units.

5. On every load, check the stretch of the bag. Check whether it is coming off straight, check the tractor alignment and inspect the bag for tears.

6. To finish the bag, leave four (4) folds left on the bagger. Stop filling, stop PTO and hydraulics.

On auger units remove the auger.

Drive ahead slowly until the machine is just out of the bag. The end can be closed off the same way it was started, or the plastic can be folded over and put dirt over top to keep the wind from blowing the bag open. (Figure 4)



7. Take two (2) pieces of patching tape and place them in a cross configuration at one end of the bag. Cut about a dime size hole in the center of the cross. Let the bag vent for one (1) day and then seal the hole with another piece of patching tape.

Your bag is now complete.

Important! When opening the bag, always cut around the bag, never lengthways.

MAINTENANCE

1. When the bag is full and has been properly closed it will require a minimum amount of maintenance. It is advised that a periodic check be made around the bag to check for any holes that need to be patched. Good rodent control is a must, so keep spilled feed to a minimum when filling to prevent rodent attraction to the location.

OPTIONS

1. When filling bags with a highly floatable product such as shell corn, corn gluten, small grains or pellet fertilizer etc., ROTO-PRESS has a kit available that makes this type of bagging much easier. The shell corn kit is a complete bolt on kit available from the factory. For further details, see the enclosed diagram at the end of this manual or consult the factory.
2. ROTO-PRESS has a dual kit available for working in wet fields or spongy ground, adding greater floatation. For further details, see the enclosed diagram at the end of this manual or consult the factory.
3. If you add silage preservative in your bagging program, ROTO-PRESS has the set-up for you. If using a liquid inoculate, your ROTO-PRESS is already equipped with a pipe coupling welded into the side of the u-through. If using a pellet inoculate, there is a bolt on Gandy applicator kit available, complete with wire harness. For further details, see the enclosed diagram at the end of this manual or consult the factory.
4. A conveyor flow control is also available to level out the product in the conveyor. This is used in conjunction with the silage preservative.
5. For greater compactness, a brake assist & chain installation kit is available.



DANGER! DISENGAGE PTO, TURN OFF TRACTOR AND WAIT FOR ALL MOVING PARTS TO STOP BEFORE ATTEMPTING TO LUBRICATE THIS MACHINE!

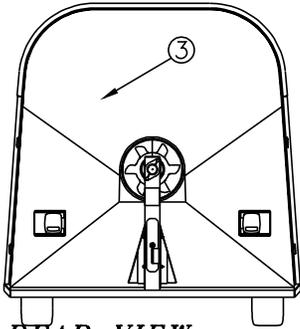
LUBRICATION SCHEDULE

All lubrication points are shown on the accompanying diagram.

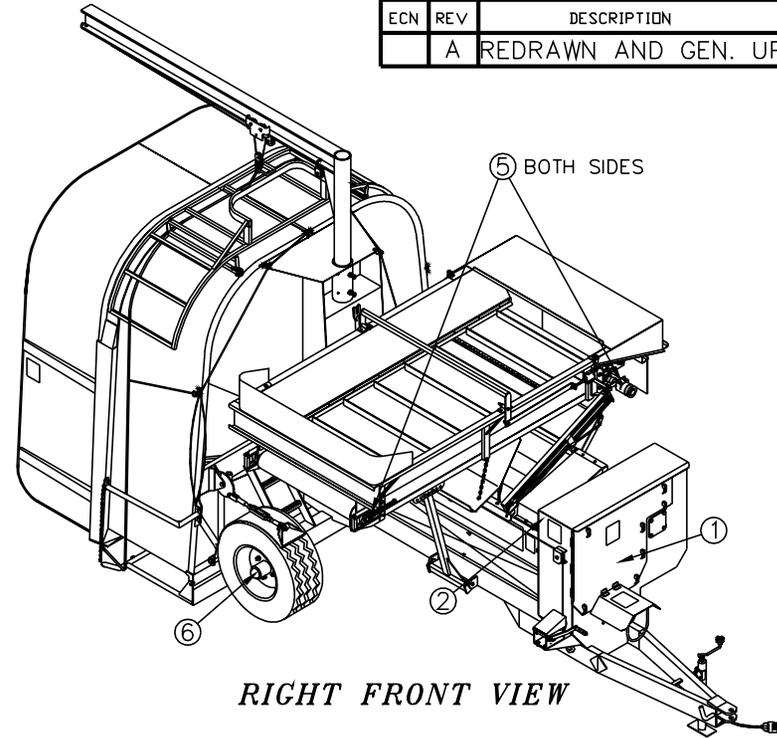
ITEM	LUBRICATION	INTERVAL
1. CHAIN DRIVE	JD HY-GARD IH HY-TRAN	KEEP OIL LEVEL UP TO BOTTOM SPROCKET
2. FRONT AUGER BEARING	STANDARD ALL PURPOSE GUN GREASE	ONE PUMP DAILY
3. REAR AUGER BEARING	STANDARD ALL PURPOSE GUN GREASE	6 - 8 PUMPS BETWEEN BAGS
4. POWER TAKE OFF	STANDARD ALL PURPOSE GUN GREASE	EVERY 10 HRS OF OPERATION
5. BELT CONVEYOR	STANDARD ALL PURPOSE GUN GREASE	EVERY 20 - 30 HRS OF OPERATION
6. WHEEL BEARINGS	STANDARD ALL PURPOSE GUN GREASE	PACK ANNUALLY

DWG. NO. MAN\10011
DO NOT SCALE DRAWING

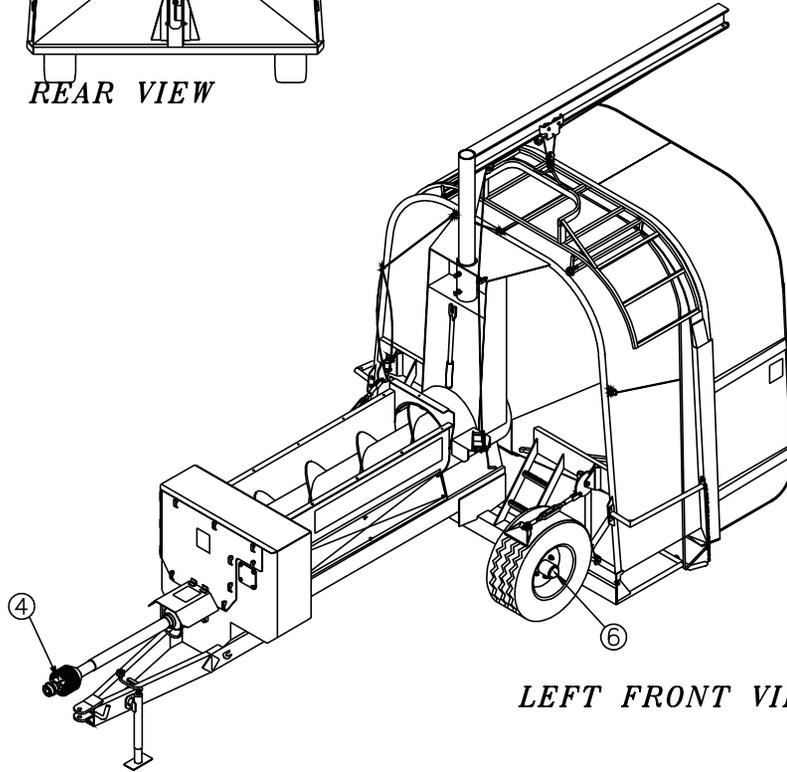
REVISIONS					REV
ECN	REV	DESCRIPTION	DATE	BY	CHK
	A	REDRAWN AND GEN. UPDATE	4-98	DS	



REAR VIEW



RIGHT FRONT VIEW

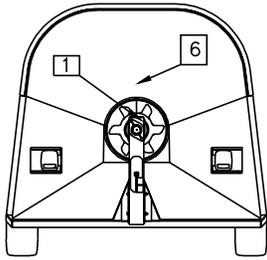


LEFT FRONT VIEW

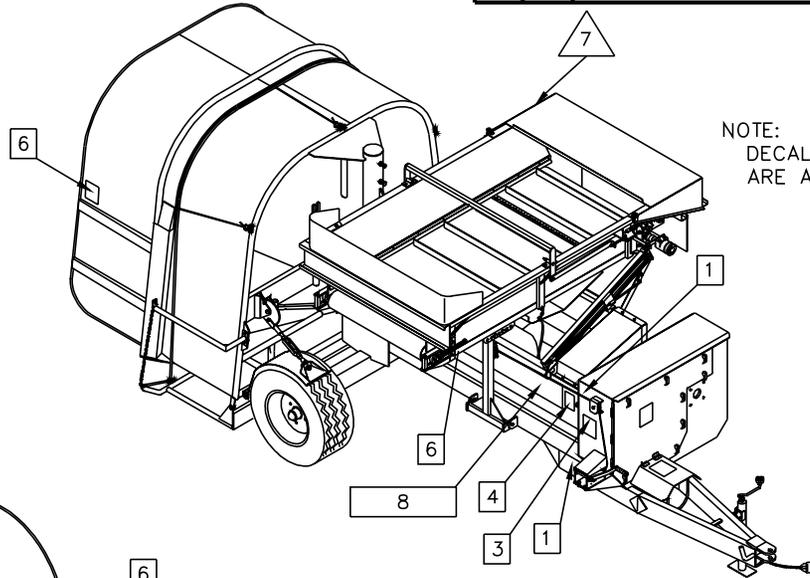
DRAWN BM	DATE 1-93	PROPERTY OF	CENTER INDUSTRIES LTD. SIOUX CENTER, IA. 51250
CHECKED	DATE		
SCALE 1:1	BREAK ALL EDGES .03 x 45°	LUBRICATION POINTS	
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED FRACTIONAL ± 1/32 3 PLACE ± .005 2 PLACE ± .020 ANGULAR ± 1°			
MATERIAL	AS NOTED	SIZE B	DWG. NO. MAN\10011
			REV A

DWG. NO. MAN\10010
DO NOT SCALE DRAWING

REVISIONS					REV
ECN	REV	DESCRIPTION	DATE	BY	CHK
	A	REDRAWN AND GEN. UPDATE	4-98	DS	
	B	ADDED DEC128 & DECSIUX	4-00	TM	

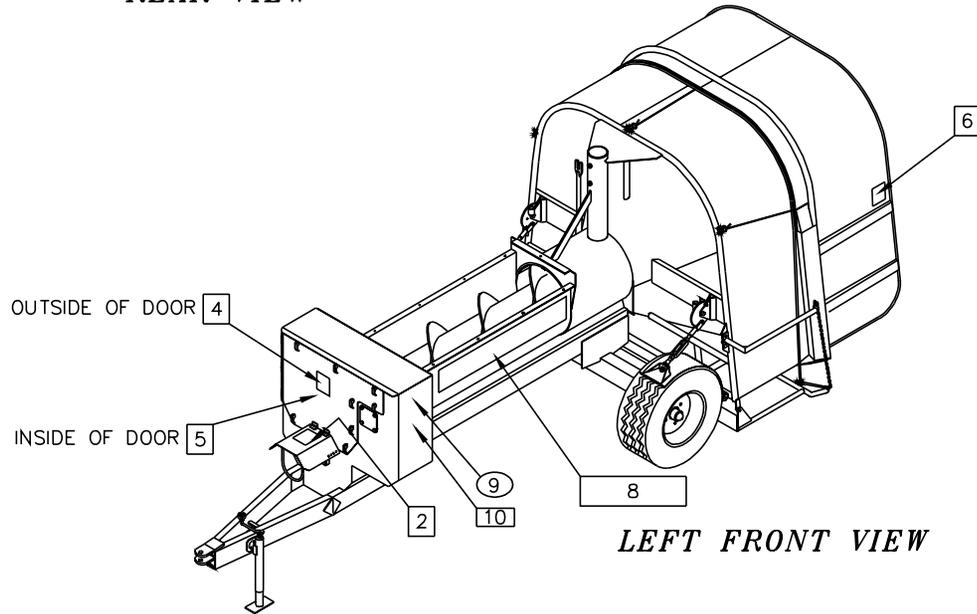


REAR VIEW



RIGHT FRONT VIEW

NOTE:
DECALS FOR CONVEYOR ASSY.
ARE AN PRINT #MAN\10014



LEFT FRONT VIEW

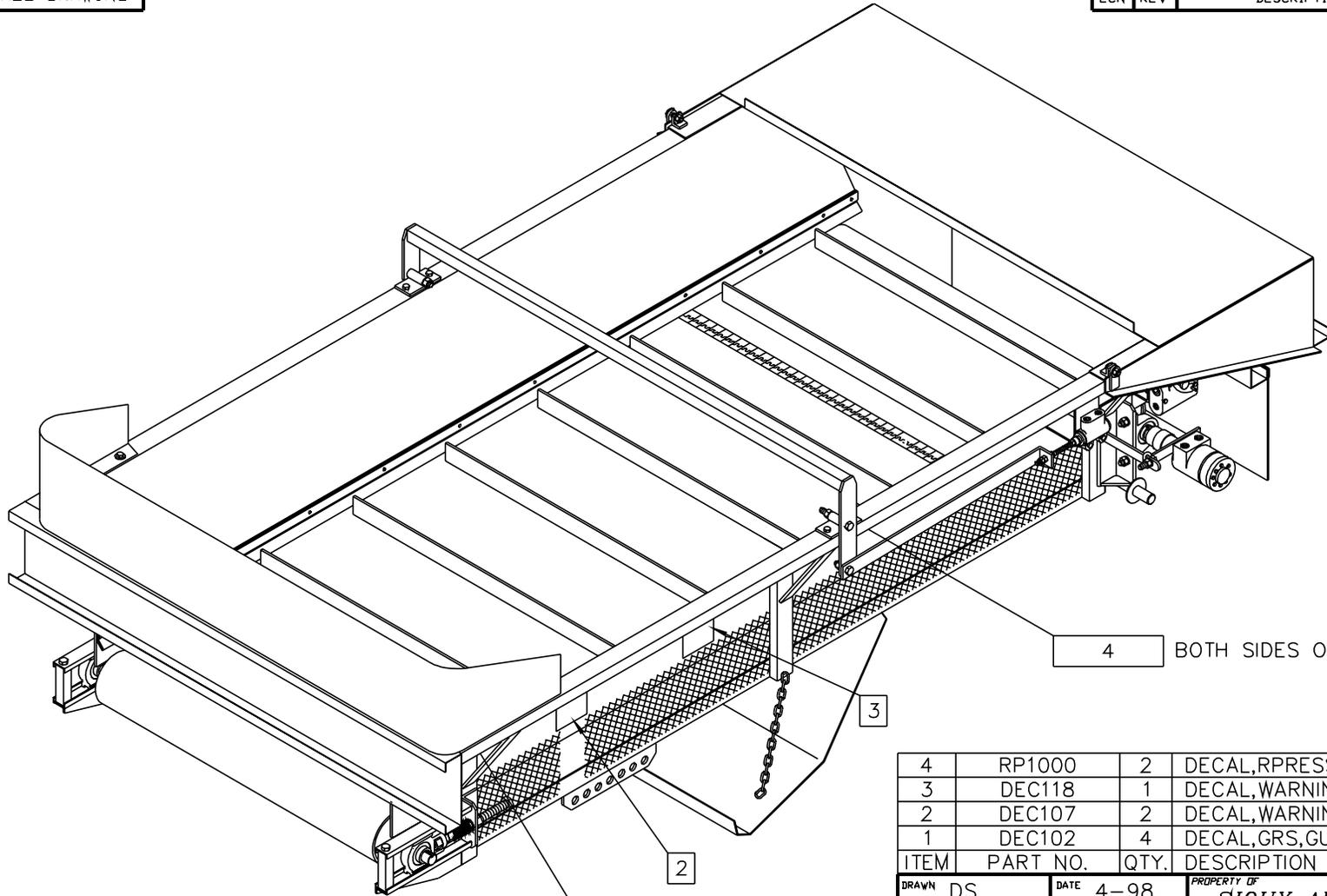
ITEM	PART NO.	QTY.	DESCRIPTION
10	DECSIUX	1	DECAL, DEALER, SAC, 1.75, 4.75
9	DEC128	1	DECAL, SAC, LOGO, NEW, 3, 5, 66
8	RP1000	2	DECAL, RPRESS, 8, 46
7	DECSMVMETAL	1	DECAL, VEHICLE, SLOW, MOVE, METAL
6	DEC111	4	DECAL, DANGER, AUGER, 5, 6
5	DEC110	1	DECAL, DANGER, SHIELD, 4, 4
4	DEC108	2	DECAL, WARNING, PART, MOVING, 4, 4
3	DEC106	1	DECAL, CAUTION, MAN, OWNER, 5, 6
2	DEC105	1	DECAL, DANGER, DRVLN, ROTATE
1	DEC102	3	DECAL, GRS, GUN, PICTURE

DRAWN	BM	DATE	1-93
CHECKED		DATE	
SCALE	1:45	BREAK ALL EDGES	.03 x 45°
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED			
FRACTIONAL ± 1/32		3 PLACE ± .005	
2 PLACE ± .020		ANGULAR ± 1°	
MATERIAL	AS NOTED		

PROPERTY OF	CENTER INDUSTRIES' LTD. SIOUX CENTER, IA. 51250		
8 & 9 ft. DECAL LOCATION			
SIZE	B	DWG. NO.	MAN\10010
REV			B

DWG. NO. MAN\10014
DO NOT SCALE DRAWING

REVISIONS					REV
ECN	REV	DESCRIPTION	DATE	BY	CHK



4 BOTH SIDES OF CONV.

ITEM	PART NO.	QTY.	DESCRIPTION
4	RP1000	2	DECAL,RPRESS,8,46
3	DEC118	1	DECAL,WARNING,HYD,3.5,5
2	DEC107	2	DECAL,WARNING,CHAIN,EXPOSED
1	DEC102	4	DECAL,GRS,GUN,PICTURE

DRAWN DS	DATE 4-98	PROPERTY OF SIoux AUTOMATION CENTER, INC. 877 FIRST AVE NW SIOUX CENTER, IOWA 51250
CHECKED	DATE	
SCALE 1:13	BREAK ALL EDGES .03 x 45°	<h1>DECAL,CNV,LCTN</h1>
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED		
FRACTIONAL ± 1/32 3 PLACE ± .005 2 PLACE ± .020 ANGULAR ± 1°		
MATERIAL AS NOTED	SIZE B	DWG. NO. MAN\10014

REV

DWG. NO. RP\300120
DO NOT SCALE DRAWING

REVISIONS					REV
ECN	REV	DESCRIPTION	DATE	BY	CHK
	B	REWORK FOR OUTSOURCING	11-97	DS	
	C	RP\090335 WAS RPP\100039	3-99	MH	
	D	ADDED BLT12X114LUG	6-99	TM	
	E	ADDED TA115X312X15X6I	2-00	TM	

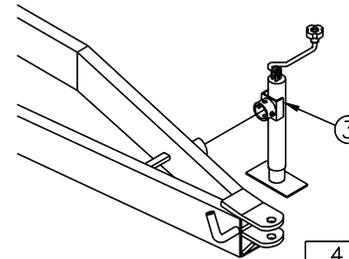


WARNING!

ALWAYS STOP ROTO-PRESS AND DISCONNECT POWER BEFORE LUBRICATING, ADJUSTING, OR SERVICING THIS MACHINE.

NOTE:

- 1.) ITEMS A-G ARE INCLUDED WITH ITEM #2 (RP\090335).
- 2.) ITEMS H-J ARE INCLUDED WITH SPINDLE.



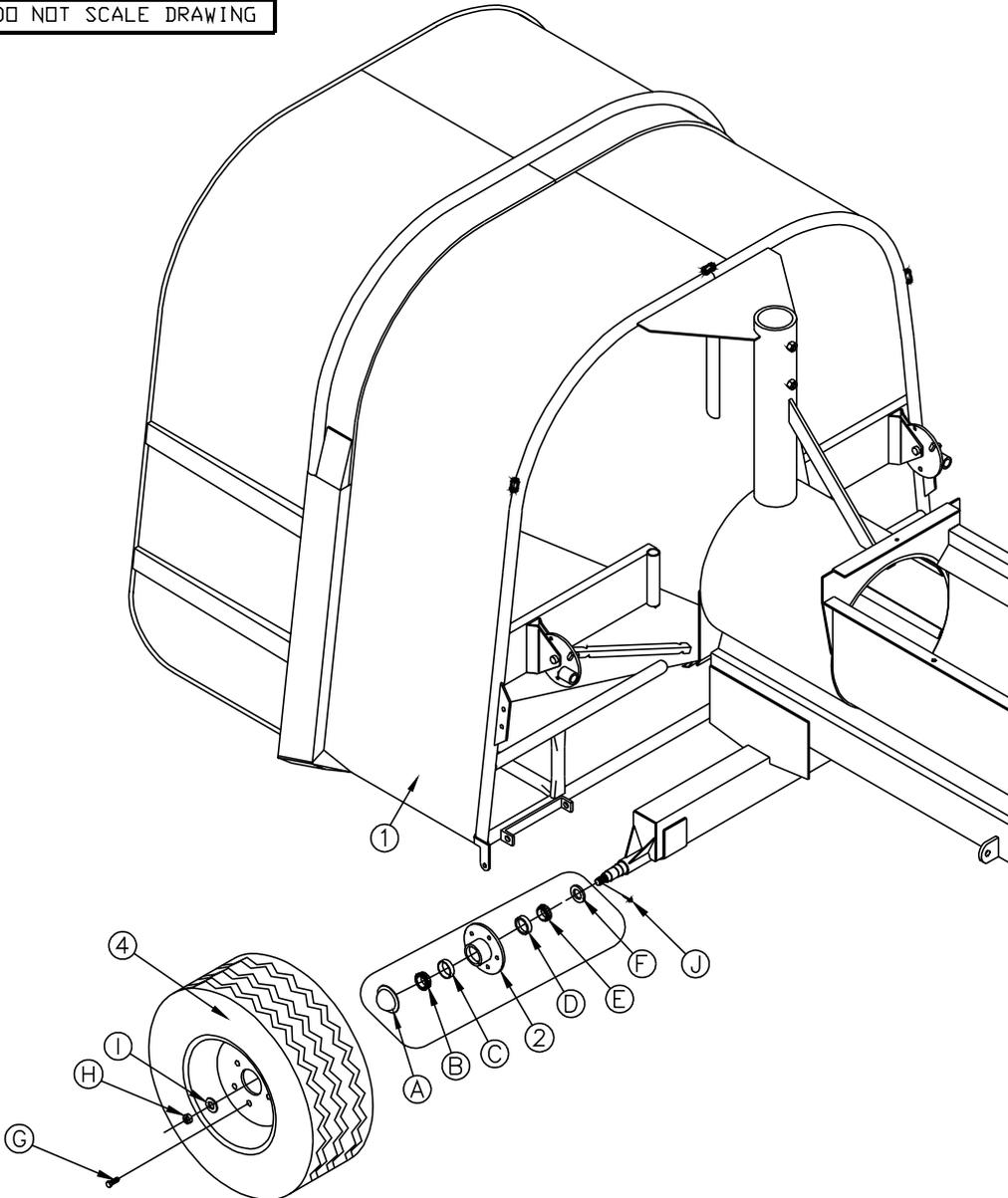
4	TA115X312X15X6I	2	TA,11.5,31.2,15.6H,NEWTIRE
3	JACK158DTS	1	JACK,TOPWIND,10,2000LB
2	RP\090335	2	HUB,6BLT,W/BRG,BLUE
1	RP\300118	1	8FT,CONE,SUB-ASSY,#4
ITEM	PART NO.	QTY.	DESCRIPTION

SEE NOTE #2

J	SPCP316X2	2	PIN,COTTER,.19,2
I	WSH78FLAT	2	WSH,FLAT,7/8
H	NUT78CSTL	2	NUT,CASTLE,7/8,NF,G8
ITEM	PART NO.	QTY.	DESCRIPTION

SEE NOTE #1

G	BLT12X114LUG	12	BLT,LUG,WHEEL,1/2,1-1/4
F	SELCR16289	2	SEAL,OIL,1.62,2.56,.44
E	TIMJL69349	2	CONE,BRG,1.496,.669
D	TIMJL69310	2	CUP,BRG,2.48,.532
C	TIMLM67010	2	CUP,BRG,2.328,.465
B	TIMLM67048	2	CONE,BRG,1.25,.656
A	RPP\100016	2	CAP,HUB
ITEM	PART NO.	QTY.	DESCRIPTION



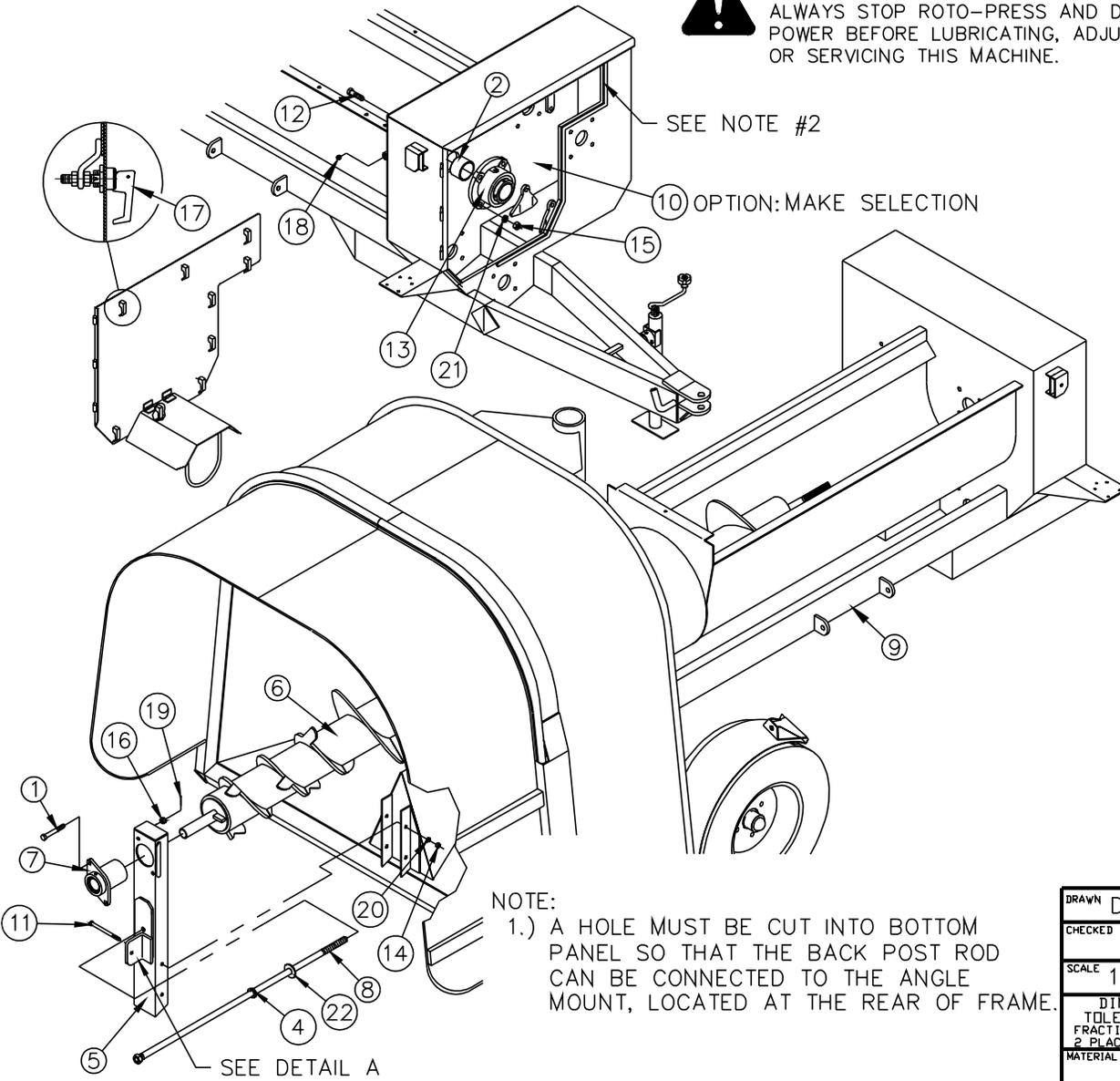
DRAWN	BM	DATE	3-93	PROPERTY OF	CENTER INDUSTRIES LTD. SIOUX CENTER, IA. 51250	
CHECKED		DATE				
SCALE	1:21	BREAK ALL EDGES	.03 x 45°	8FT,CONE, SUB-ASSY,#5		
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED						
FRACTIONAL ± 1/32		3 PLACE ± .005				
2 PLACE ± .020		ANGULAR ± 1°		SIZE	DWG NO.	
MATERIAL				AS NOTED	B	RP\300120
					REV	E

DWG. NO. RP\300177
DO NOT SCALE DRAWING



WARNING!
ALWAYS STOP ROTO-PRESS AND DISCONNECT
POWER BEFORE LUBRICATING, ADJUSTING,
OR SERVICING THIS MACHINE.

REVISIONS					REV	E
ECN	REV	DESCRIPTION	DATE	BY	CHK	
	B	CHG: REAR POST ROD	7-98	JB		
	C	RP200247 WAS RP110186, RP200240 WAS RP200211	3-99	MH		
	D	ADDED MAN10010 RP\200240 WAS RP\200211	6-00	TM		
2149	E	DEL: RP200003 & RP100533	5-03	CV		



22	WSH1FLAT	1	WSH,FLAT,1
21	WSH34LOCK	4	WSH,LOCK,3/4
20	WSH12LOCK	2	WSH,LOCK,1/2
19	SPCP18X2	2	PIN,COTTER,.12,2
18	PFBL34PLUG	1	PLUG,3/4,BLK
17	OSW830212	9	LATCH,DOOR,CLIP,CURVED
16	NUT58CSTL	2	NUT,CASTLE,5/8,NF,G8
15	NUT34NC	4	NUT,HEX,3/4,NC,G5
14	NUT12NC	2	NUT,HEX,1/2,NC,G5
13	KN171930	1	BRG,FLG,4BLT,3,DBL
12	BLT34X212NC	4	BLT,HEX,3/4,2-1/2,NC,G5
11	BLT12X612NC	2	BLT,HEX,1/2,6-1/2,NC,G5
10	RP\300194	1	DRIVE,RP,1000,1.75,ASSY
	RP\300192	1	DRIVE,RP,540,80HP,ASSY
	RP\300176	1	DRIVE,RP,540,1.38,ASSY
	RP\300175	1	DRIVE,RP,1000,1.38,ASSY
9	RP\300120	1	8FT,CONE,SUB-ASSY,#5
8	RP\200247	1	SUPPORT,ROD,POST,1
7	RP\200240	1	BRG,RP,POLY,3,RR,ASSY
6	RP\200194	1	AUGER,RP,SHAFT,SPLINE,WLD
5	RP\200070	1	POST,BRG,8',9',WLD
4	WSH1LOCK	1	WSH,LOCK,1
3	MAN\10010	1	8 & 9 ft. DECAL LOCATION
2	RP\100433	1	SPACER,RND,3.5,3.06,2.22
1	RP\100431	2	BLT,BRG,5/8,4-1/2,RR
ITEM	PART NO.	QTY.	DESCRIPTION

NOTE:
1.) A HOLE MUST BE CUT INTO BOTTOM
PANEL SO THAT THE BACK POST ROD
CAN BE CONNECTED TO THE ANGLE
MOUNT, LOCATED AT THE REAR OF FRAME.

DRAWN DS	DATE 7-97	PROPERTY OF	CENTER INDUSTRIES' LTD. SIOUX CENTER, IA. 51250
CHECKED	DATE		
SCALE 1:25	BREAK ALL EDGES .03 x 45°	RP,804,ASSY,PAINTED	
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED FRACTIONAL ± 1/32 3 PLACE ± .005 2 PLACE ± .020 ANGULAR ± 1°			
MATERIAL AS NOTED	SIZE B	DWG. NO. RP\300177	REV E

DWG. NO. RP\300178
DO NOT SCALE DRAWING

REVISIONS					REV
ECN	REV	DESCRIPTION	DATE	BY	CHK
	A	SQ. HEAD SET SCREW WAS BOLT	2-98	DS	

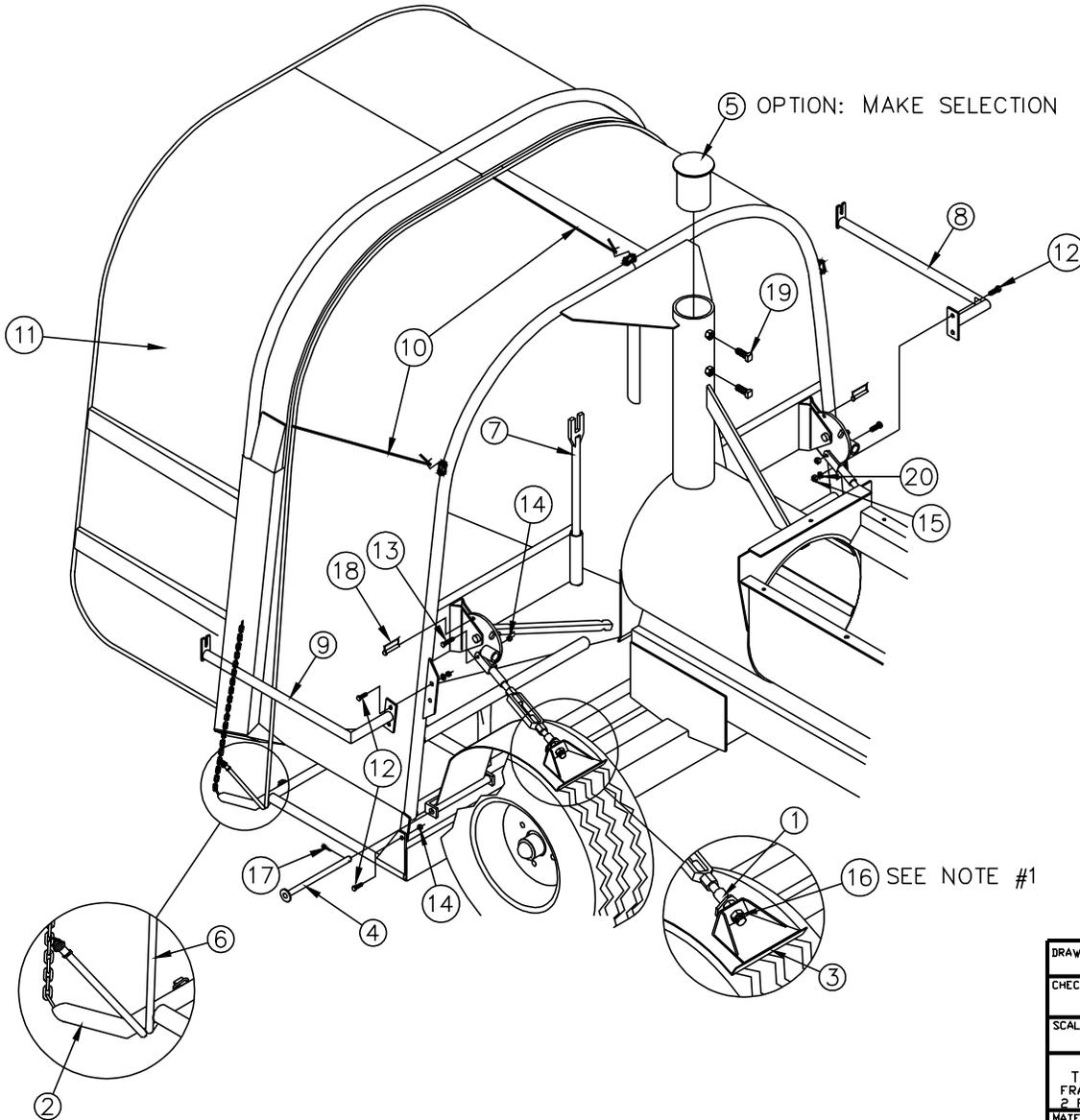


WARNING!

ALWAYS STOP ROTO-PRESS AND DISCONNECT POWER BEFORE LUBRICATING, ADJUSTING, OR SERVICING THIS MACHINE.

NOTE:

- 1.) LEAVE LOCK NUT LOOSE FOR PROPER ALIGNMENT.

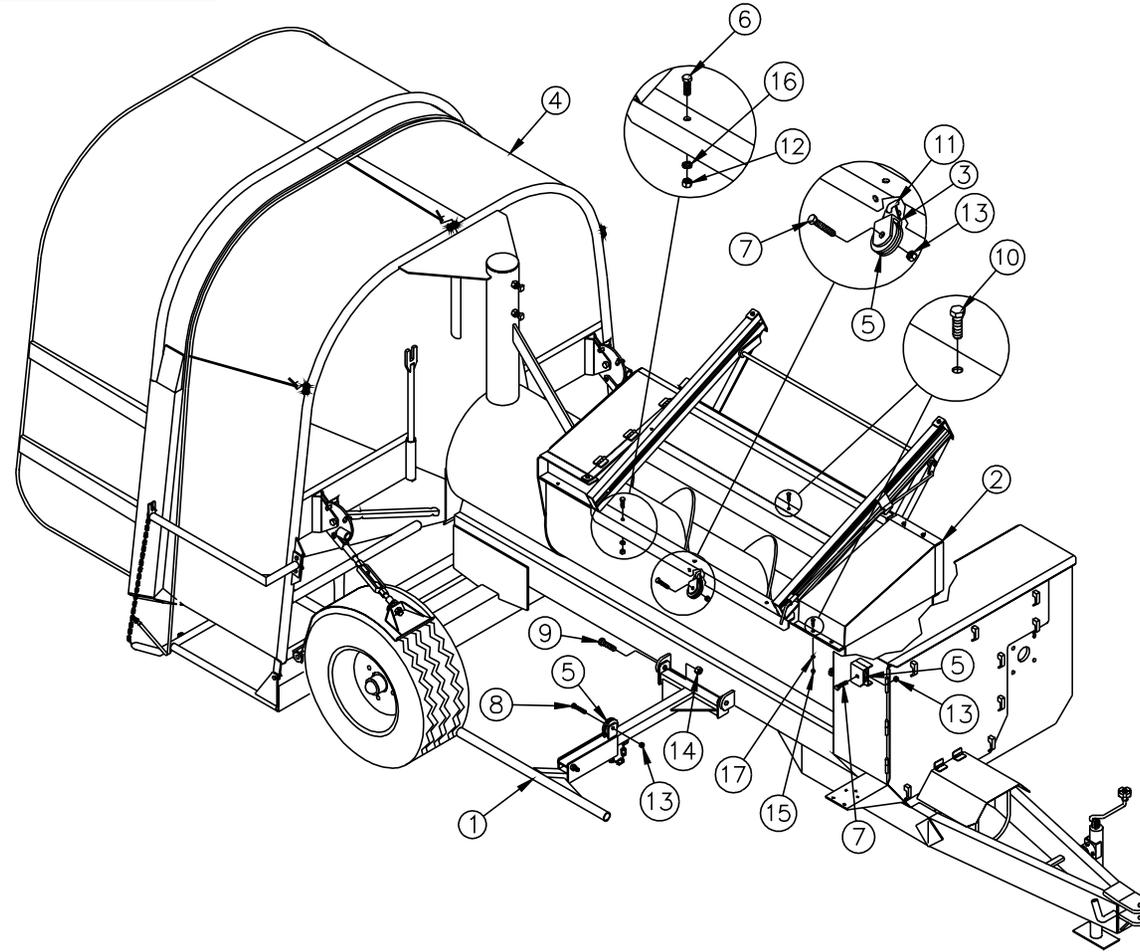


20	WSH12LOCK	4	WSH,LOCK,1/2
19	SPSQHNC34X2	2	SCREW,SQ,3/4,2,NC
18	SPPPN51622PTL	2	PIN,P TO,516-22
17	SPCP316X2	2	PIN,COTTER,,19,2
16	NUT34LOCKNC	2	NUT,LOCK,3/4,NC,G5
15	NUT12NC	4	NUT,HEX,1/2,NC,G5
14	NUT12LOCKNC	4	NUT,LOCK,1/2,NC,G5
13	BLT12X2NC	2	BLT,HEX,1/2,2,NC,G5
12	BLT12X112NC	6	BLT,HEX,1/2,1-1/2,NC,G5
11	RP\300177	1	RP,804,ASSY,PAINTED
10	RP\200253	3	ROPE,BUNGEE,HOOK
9	RP\200218	1	ARM,BAG,PAN,8',RH
8	RP\200217	1	ARM,BAG,PAN,8',LH
7	RP\200212	1	WRENCH,HANDLE,BRAKE
6	RP\200182	1	CORD,BUNGEE,8',ASSY,132
5	RP\300128	1	LIFT,BAG,BOOM,8',KIT
	RP\200154	1	CAP,SUPPORT,TUBE,WLD
4	RP\200039	2	PIN,FENDER,BRAKE,WLD
3	RP\200036	2	FENDER,BRAKE,WLD
2	RP\200017	1	APRON,BAG,8',WLD
1	RP\110234	2	TRNBCKL,ASSY
ITEM	PART NO.	QTY.	DESCRIPTION

DRAWN DS	DATE 6-97	PROPERTY OF
CHECKED	DATE	CENTER INDUSTRIES LTD.
SCALE 1:21	BREAK ALL EDGES .03 x 45°	SIoux CENTER, IA. 51250
8' CONE SUB-ASSY #7		
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED FRACTIONAL ± 1/32 3 PLACE ± .005 2 PLACE ± .020 ANGULAR ± 1°		SIZE DWG NO. RP\300178
MATERIAL AS NOTED	SIZE B	REV A

DWG. NO. RP\300154
DO NOT SCALE DRAWING

REVISIONS					REV	E
ECN	REV	DESCRIPTION	DATE	BY	CHK	
	E	RMV'D. PIVOT BRKT. ASSY.	5-98	DS		



WARNING!
ALWAYS STOP ROTO-PRESS AND DISCONNECT
POWER BEFORE LUBRICATING, ADJUSTING,
OR SERVICING THIS MACHINE.

17	WSH38LOCK	8	WSH,LOCK,3/8
16	WSH12LOCK	3	WSH,LOCK,1/2
15	NUT38NC	8	NUT,HEX,3/8,NC,G5
14	NUT34LOCKNC	2	NUT,LOCK,3/4,NC,G5
13	NUT12LOCKNC	3	NUT,LOCK,1/2,NC,G5
12	NUT12NC	3	NUT,HEX,1/2,NC,G5
11	SPCABCLP12	1	CLAMP,CABLE,1/2
10	BLT38X1NC	8	BLT,HEX,3/8,1,NC,G5
9	BLT34X212NC	2	BLT,HEX,3/4,2-1/2,NC,G5
8	BLT12X212NC	1	BLT,HEX,1/2,2-1/2,NC,G5
7	BLT12X2NC	2	BLT,HEX,1/2,2,NC,G5
6	BLT12X112NC	3	BLT,HEX,1/2,1-1/2,NC,G5
5	RP\090222	3	PUL,CABLE,3,.5
4	RP\300178	1	8 ft. CONE SUB-ASSY #7
3	RP\200147	1	BRKT,PUL,WLD
2	RP\200131	1	SLIDE,RAIL,SHORT,ASSY
1	RP\200088	1	ELBOW,CNV,SHORT,ASSY
ITEM	PART NO.	QTY.	DESCRIPTION

DRAWN	BM	DATE	6-93	PROPERTY OF	CENTER INDUSTRIES LTD.
CHECKED		DATE			SIoux CENTER, IA. 51250
SCALE	1:28	BREAK ALL EDGES	.03 x 45°	8 ft. CONE SUB-ASSEMBLY #8	
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED					
FRACTIONAL ± 1/32		3 PLACE ± .005		SIZE B	
2 PLACE ± .020		ANGULAR ± 1°			
MATERIAL				REV E	
AS NOTED					

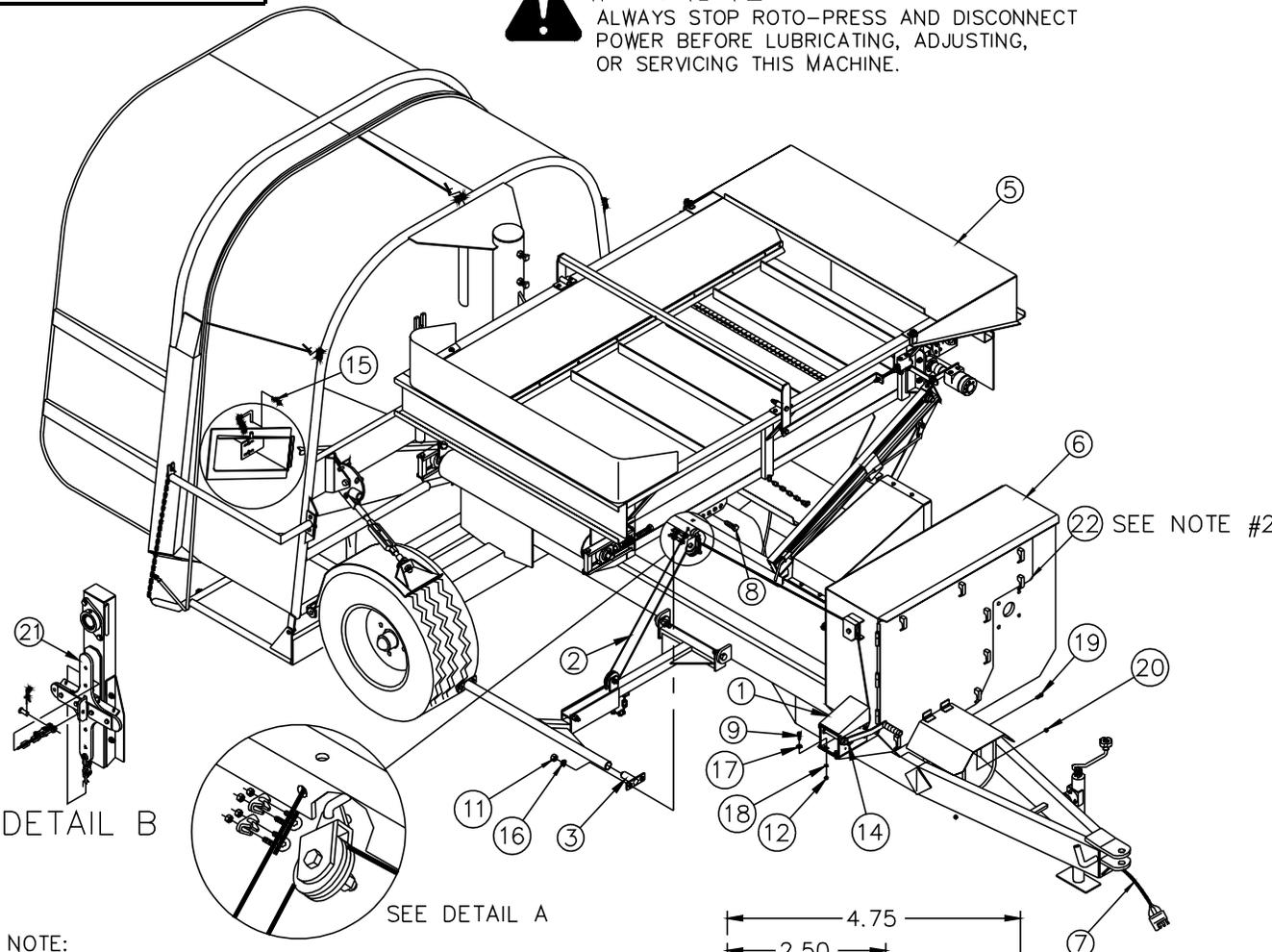
DWG. NO. RP\300180
DO NOT SCALE DRAWING



WARNING!

ALWAYS STOP ROTO-PRESS AND DISCONNECT POWER BEFORE LUBRICATING, ADJUSTING, OR SERVICING THIS MACHINE.

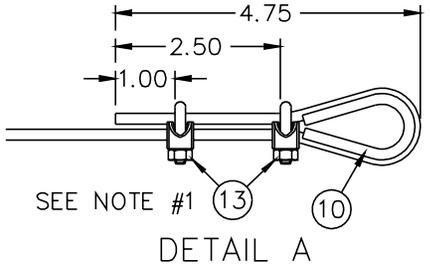
REVISIONS					REV	F
ECN	REV	DESCRIPTION	DATE	BY	CHK	
	B	ADDED BOX MTG. HARDWARE	1-98	DS		
	C	REMOVE TOOLBOX & BRAKE ASSY	3-99	MH		
	D	ADDED MAN\10010	7-99	TM		
	E	ADDED BLT10X60MM, NUT10MMLOCK	7-99	TM		
2149	F	ADDED RP200003 & RP100533	5-03	CV		



* ITEM NOT SHOWN

ITEM	PART NO.	QTY.	DESCRIPTION
*22	RP\100533	1	OSW830848,129
21	RP\200003	1	ASSIST,BRAKE,CHAIN,ASSY
20	NUT10MMLOCK	4	NUT,NYLOCK,10MM
19	BLT10X60MM	4	BLT,HEX,10MM,60MM
18	WSH38LOCK	4	WSH,LOCK,3/8
17	WSH38FLAT	4	WSH,FLAT,3/8
16	WSH34LOCK	4	WSH,LOCK,3/4
15	SPHPN332	2	PIN,HAIR,3/32
14	SPDLB2000	1	WINCH,2000#,W/DISKBRAKE
13	SPCABCLP14	2	CLAMP,CABLE,1/4
12	NUT38NC	4	NUT,HEX,3/8,NC,G5
11	NUT34NC	4	NUT,HEX,3/4,NC,G5
10	CAB14THIMBLE	1	THIMBLE,CABLE,.25
9	BLT38X1NC	4	BLT,HEX,3/8,1,NC,G5
8	BLT34X112NC	4	BLT,HEX,3/4,1-1/2,NC,G5
7	RP\300195	1	LIGHT,WIRING,KIT
6	RP\300154	1	8' CONE SUB-ASSY #8
5	RP\300141	1	CNV,SHORT,ASSY
*4	RP\300140	1	PIC,HYD,CONVEYOR,LNG,10',RP
3	RP\200053	2	BRKT,PIVOT,CNV
2	RP\110268	1	CAB14,156
1	RP\100312	1	SHIELD,WINCH

- NOTE:
- 1.) TIGHTEN NUTS EVENLY, ALTERNATE FROM ONE NUT TO THE OTHER UNTIL REACHING 7.5 FT. LBS. OF TORQUE.
 - 2.) SPRAY ENTIRE PERIMETER OF DOOR OPENING ON ROTO-PRESS WITH 3M GENERAL TRIM ADHESIVE, AND ATTACH DOOR SEAL.



DRAWN DS	DATE 06-97
CHECKED	DATE
SCALE 1:28	BREAK ALL EDGES .03 x 45°
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED	
FRACTIONAL ± 1/32	3 PLACE ± .005
2 PLACE ± .020	ANGULAR ± 1°
MATERIAL AS NOTED	

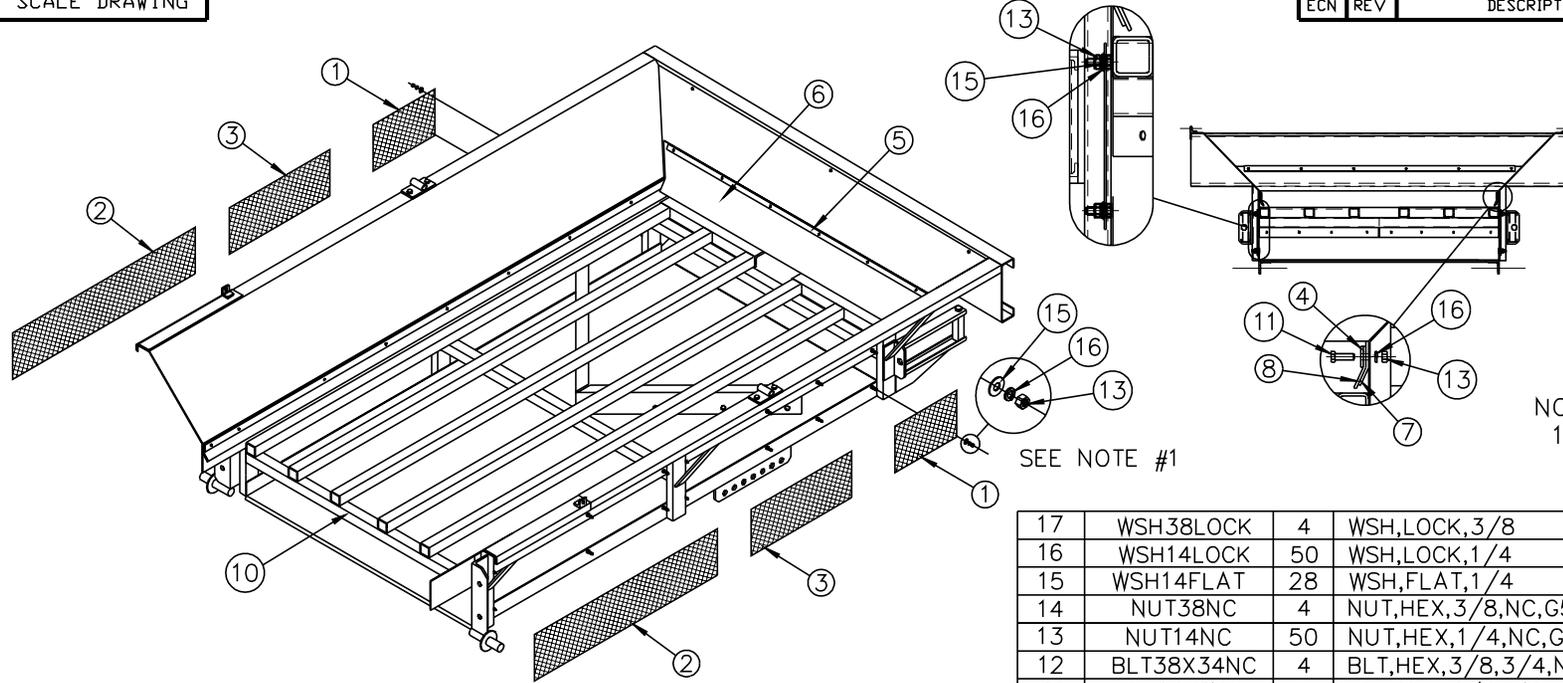
PROPERTY OF
CENTER INDUSTRIES LTD.
SIOUX CENTER, IA. 51250

RP,804
FINAL,ASSY

SIZE B DWG. NO. RP\300180 REV F

DWG. NO. RP\300190
DO NOT SCALE DRAWING

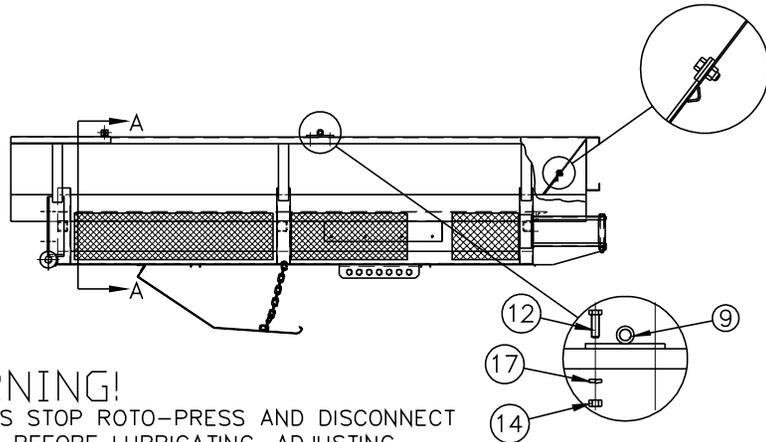
REVISIONS					REV
ECN	REV	DESCRIPTION	DATE	BY	CHK



SEE NOTE #1

NOTE:
1.) NOTCH OUT EXPANDED METAL AS REQUIRED.

17	WSH38LOCK	4	WSH,LOCK,3/8
16	WSH14LOCK	50	WSH,LOCK,1/4
15	WSH14FLAT	28	WSH,FLAT,1/4
14	NUT38NC	4	NUT,HEX,3/8,NC,G5
13	NUT14NC	50	NUT,HEX,1/4,NC,G5
12	BLT38X34NC	4	BLT,HEX,3/8,3/4,NC,G5
11	BLT14X1NC	22	BLT,HEX,1/4,1,NC,G5
10	RP\200028	1	CNV,RP,SHORT,WLD,PAINTED
9	RP\200022	2	BRKT,HANDLE,SAFETY,STOP
8	RP\100372	2	SHIELD,BELT,SIDE,86.5
7	RP\100371	2	SUPPORT,SHIELD,BELT,SIDE,86.5
6	RP\100370	1	SHIELD,BELT,FLOW
5	RP\100219	1	HOLDER,BELT,CNV,END
4	RP\100218	2	HOLDER,BELT,CNV,SIDE,86.5
3	RP\100114	2	SHIELD,SIDE,7,17.5
2	RP\100113	2	SHIELD,SIDE,7,31.75
1	RP\100112	2	SHIELD,SIDE,7,10.75
ITEM	PART NO.	QTY.	DESCRIPTION



WARNING!

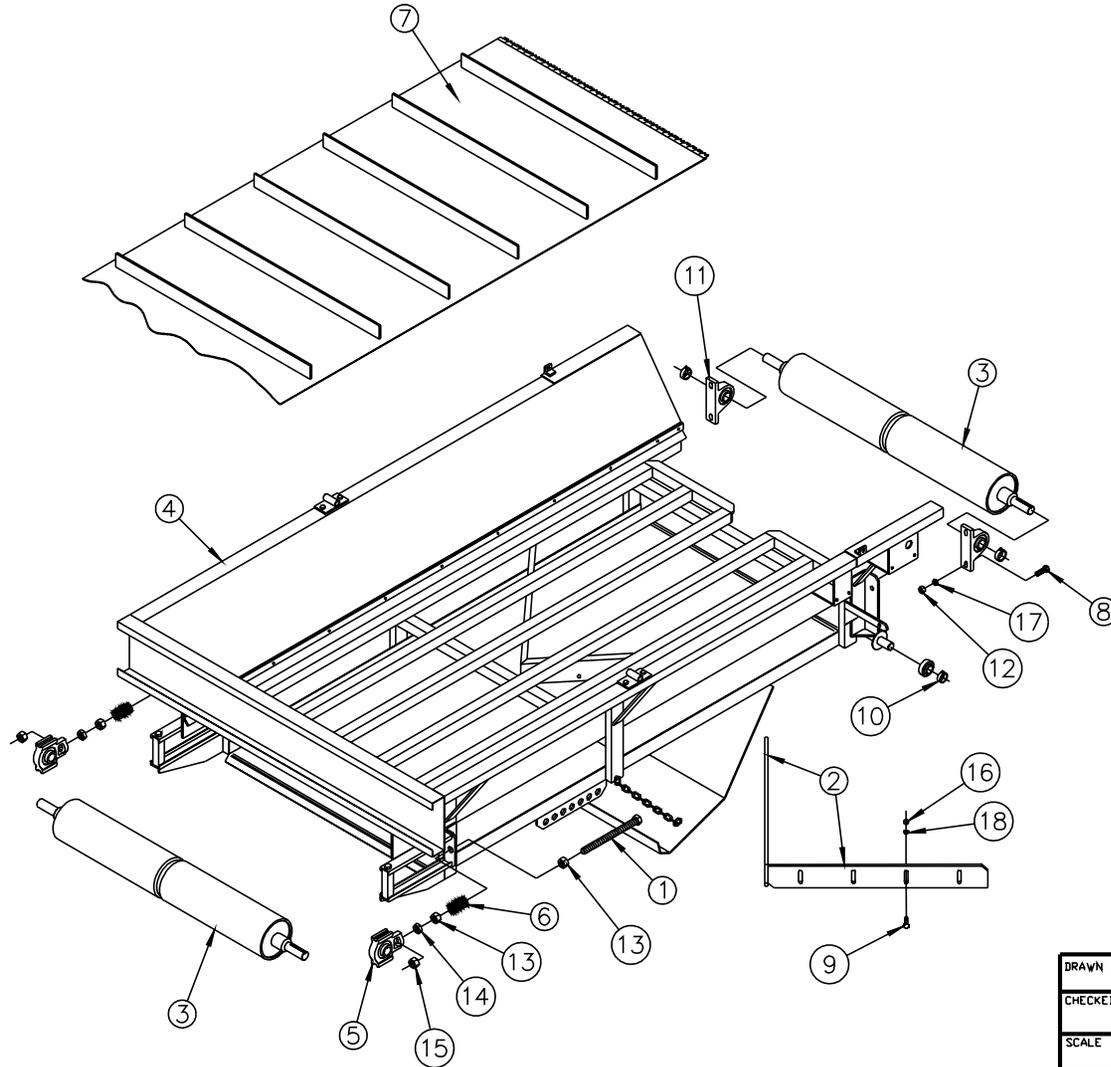
ALWAYS STOP ROTO-PRESS AND DISCONNECT POWER BEFORE LUBRICATING, ADJUSTING, OR SERVICING THIS MACHINE.

DRAWN DS	DATE 9-97
CHECKED	DATE
SCALE 1:20	BREAK ALL EDGES .03 x 45°
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED	
FRACTIONAL ± 1/32	3 PLACE ± .005
2 PLACE ± .020	ANGULAR ± 1°
MATERIAL AS NOTED	SIZE B

PROPERTY OF CENTER INDUSTRIES LTD. SIOUX CENTER, IA. 51250
CNV,SHORT,ASSY,#1
DWG. NO. RP\300190

DWG. NO. RP\300191
DO NOT SCALE DRAWING

REVISIONS					REV
ECN	REV	DESCRIPTION	DATE	BY	CHK
	A	RP\0090229 WAS RP\090226	5-98	WVL	
	B	REMOVED RP\100537	4-00	TM	



WARNING!

ALWAYS STOP ROTO-PRESS AND DISCONNECT POWER BEFORE LUBRICATING, ADJUSTING, OR SERVICING THIS MACHINE.

18	WSH38LOCK	8	WSH,LOCK,3/8
17	WSH12LOCK	4	WSH,LOCK,1/2
16	NUT38NC	8	NUT,HEX,3/8,NC,G5
15	NUT34LOCKNC	2	NUT,LOCK,PUNCH,3/4,NC,G5
14	NUT34JAMNC	2	NUT,JAM,3/4,NC,G5
13	NUT34NC	4	NUT,HEX,1/2,NC,G5
12	NUT12NC	4	NUT,HEX,1/2,NC,G5
11	BRGRAK118	2	BRG,PILLOW,1.12
10	BRGRA100RRB	2	BRG,RND,1
9	BLT38X1CNC	8	BLT,CARR,3/8,1,NC,G2
8	BLT12X2NC	4	BLT,HEX,1/2,2,NC,G5
7	RP\090229	1	BELT,CNV,36,180
6	RP\090224	2	SPRING,CMPRSSN
5	RP\090223	2	BRG,TAKEUP,1.12
4	RP\300190	1	CNV,SHORT,ASSY,#1
3	RP\200040	2	ROLLER,CNV,WLD
2	RP\100106	2	SCRAPER,PL,CNV
1	RP\100001	2	ADJ,BLT
ITEM	PART NO.	QTY.	DESCRIPTION

DRAWN DS	DATE 9-97	PROPERTY OF
CHECKED	DATE	CENTER INDUSTRIES LTD. SIOUX CENTER, IA. 51250
SCALE 1:20	BREAK ALL EDGES .03 x 45°	CNV,SHORT,ASSY,#2
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED FRACTIONAL ± 1/32 3 PLACE ± .005 2 PLACE ± .020 ANGULAR ± 1°		
MATERIAL AS NOTED	SIZE B	DWG NO. RP\300191
		REV B

DWG. NO. RP\300141

DO NOT SCALE DRAWING

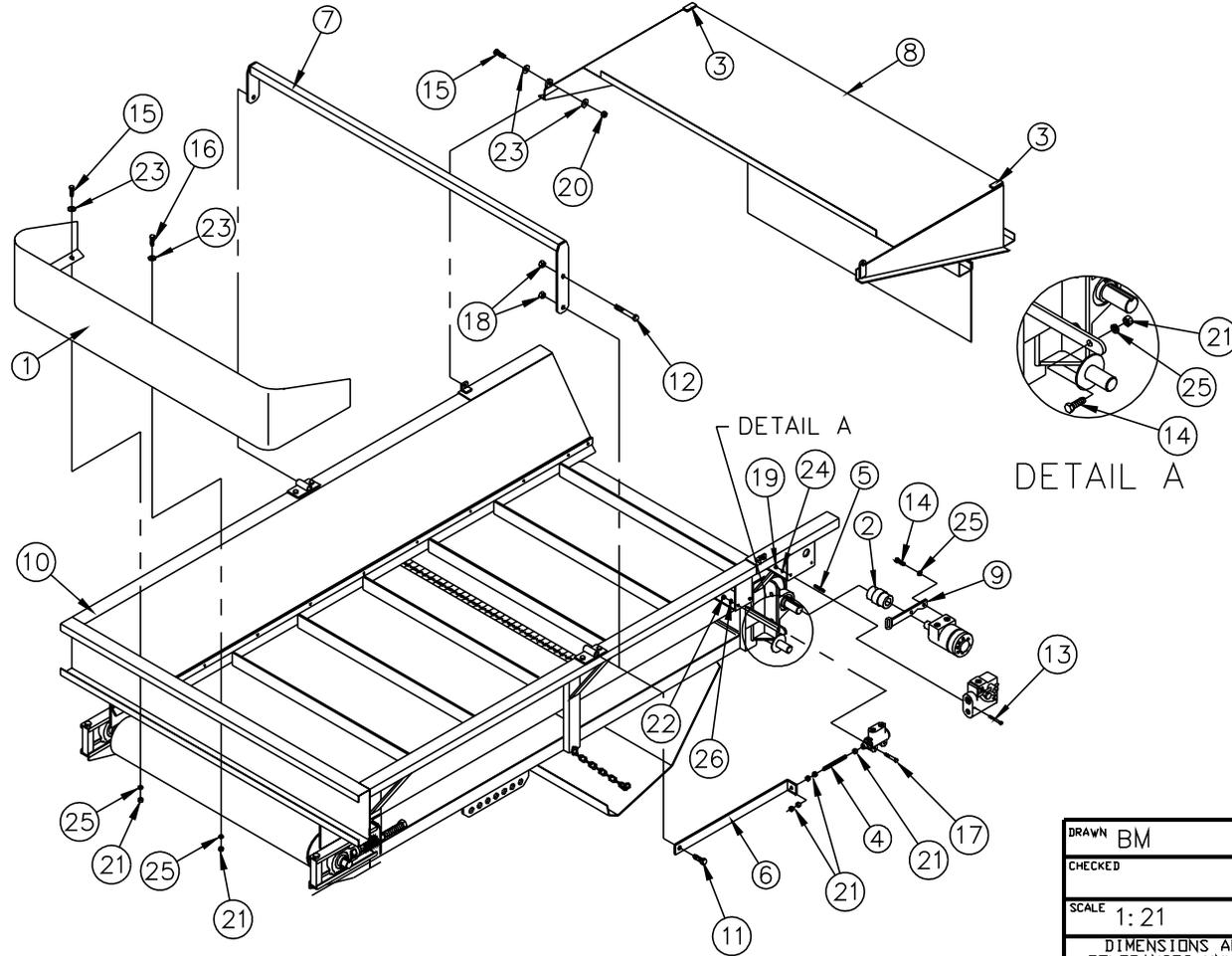


WARNING!

ALWAYS STOP ROTO-PRESS AND DISCONNECT POWER BEFORE LUBRICATING, ADJUSTING, OR SERVICING THIS MACHINE.

NOTE:

1.) PART NUMBERS FOR ORBIT MOTOR, FLOW CONTROL, AND SELCTOR VALVE CAN BE FOUND ON THE HYD. PICTORIAL PRINT.



REVISIONS					REV
ECN	REV	DESCRIPTION	DATE	BY	CHK
	A	REWORK FOR OUTSOURCING	9-97	DS	
	B	BURN\11000033 WAS RP\200055	03-00	WVL	

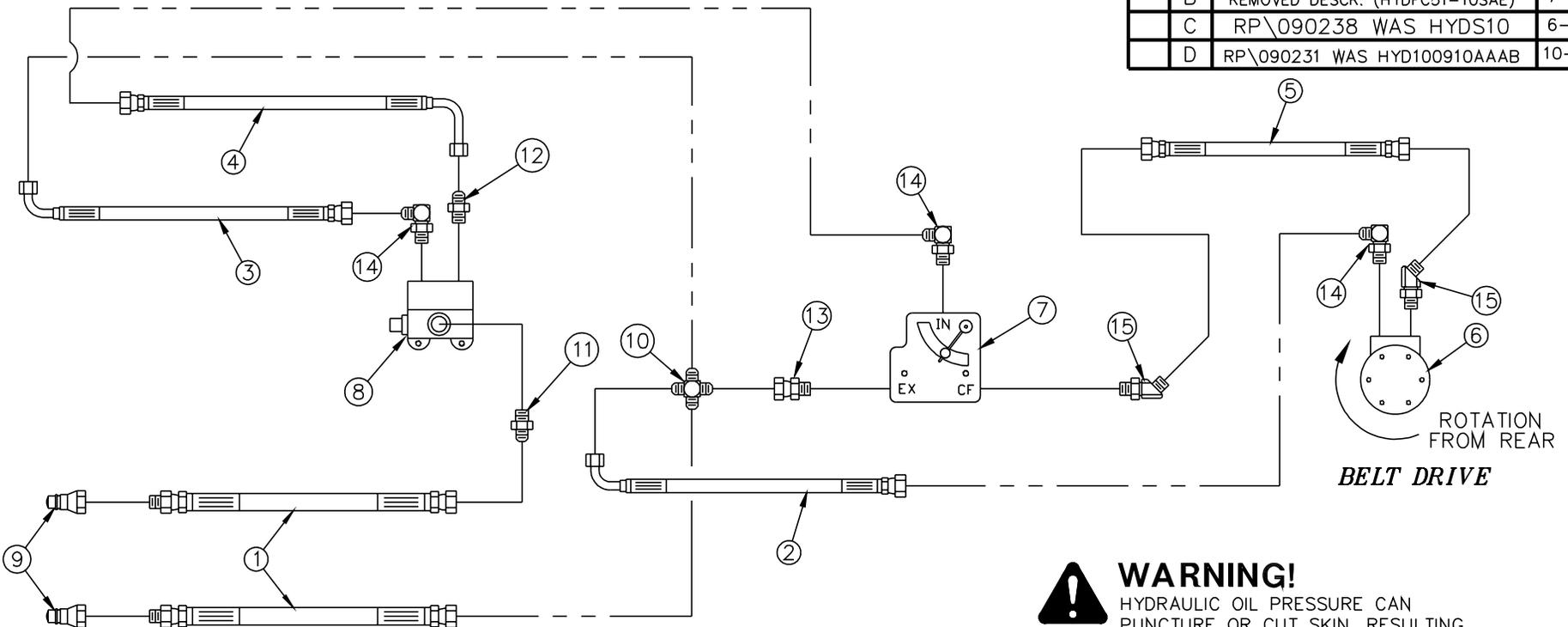
ITEM	PART NO.	QTY.	DESCRIPTION
	RP\300140	-	PIC, HYD, CONVEYOR, LNG, 10' RP
26	WSH516LOCK	2	WSH, LOCK, 5/16
25	WSH38LOCK	8	WSH, LOCK, 3/8
24	WSH14LOCK	2	WSH, LOCK, 1/4
23	WSH38FLAT	9	WSH, FLAT, 3/8
22	NUT516NC	2	NUT, HEX, 5/16, NC, G5
21	NUT38NC	11	NUT, HEX, 3/8, NC, G5
20	NUT38LOCKNC	2	NUT, LOCK, PUNCH, 3/8, NC, G5
19	NUT14NC	2	NUT, HEX, 1/4, NC, G5
18	NUT12LOCKNC	3	NUT, LOCK, 1/2, NC, G5
17	BLT516X2NC	2	BLT, HEX, 5/16, 2, NC, G5
16	BLT38X112NC	3	BLT, HEX, 3/8, 1-1/2, NC, G5
15	BLT38X114NC	4	BLT, HEX, 3/8, 1-1/4, NC, G5
14	BLT38X1NC	3	BLT, HEX, 3/8, 1, NC, G5
13	BLT14X212NC	2	BLT, HEX, 1/4, 2-1/2, NC, G5
12	BLT12X3NC	2	BLT, HEX, 1/2, 3, NC, G5
11	BLT12X1NC	1	BLT, HEX, 1/2, 1, NC, G5
10	RP\300191	1	CNV, SHORT, ASSY, #2
9	BURN\11000033	1	MOUNT, FLG, MOTOR
8	RP\200049	1	BELT, HOPPER, DIS, ASSY
7	RP\200023	1	HANDLE, STOP, SAFETY, WLD
6	RP\110092	1	ARM, SAFETY, 23.75
5	RP\100536	1	KEY14X14, 1.25
4	RP\100535	1	SPTH38NC, 4
3	RP\100534	2	OSW830848, 1.5
2	RP\100321	1	COUP, CNV, DRIVE
1	RP\100269	1	SHIELD, CNV, OVRFLW

DRAWN	BM	DATE	6-93
CHECKED		DATE	
SCALE	1:21	BREAK ALL EDGES	.03 x 45°
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED			
FRACTIONAL ± 1/32		3 PLACE ± .005	
2 PLACE ± .020		ANGULAR ± 1°	
MATERIAL	AS NOTED		

PROPERTY OF		CENTER INDUSTRIES LTD.	
		SIOUX CENTER, IA. 51250	
CNV, SHORT, ASSY			
SIZE	B	DWG. NO.	RP\300141
REV	B		

DWG NO. RP\300140
DO NOT SCALE DRAWING

REVISIONS					REV	D
ECN	REV	DESCRIPTION	DATE	BY	CHK	
	A	CHANGED ALL FITTINGS TO JIC	8-94	VM		
	B	REMOVED DESCR. (HYDFC51-10SAE)	7-97	WVL		
	C	RP\090238 WAS HYDS10	6-98	JN		
	D	RP\090231 WAS HYD100910AAAB	10-98	WVL		



WARNING!
HYDRAULIC OIL PRESSURE CAN PUNCTURE OR CUT SKIN, RESULTING IN SERIOUS INJURY OR DEATH.



ALWAYS RELEASE HYDRAULIC OIL PRESSURE BY (1) DISCONNECTING ALL TRACTOR LINES AND PTO, AND (2) PROPERLY RELIEVING OIL PRESSURE.

15	HYD6802-8-10	2	ADPT,ELBOW,08,MJIC,10,MORG,45D
14	HYD6801-8-10	3	ADPT,ELBOW,08,MJIC,10,MORG,90D
13	HYD6402-10-10	1	ADPT,CONN,10,MORG,10,FORG
12	HYD6400-8-10	1	ADPT,CONN,08,MJIC,10,MORG
11	HYD6400-10-10	1	ADPT,CONN,10,MJIC,10,JORG
10	HYD2650-10	1	ADPT,CROSS,10,MJIC
9	HYDS7116	2	TIP,COUP,SLEEVE,1WAY,#10FORG
8	RP\090238	1	SLCTR,FLOW,BLUE
7	RP\090237	1	DIVIDER,FLOW,BLUE
6	RP\090231	1	MOTOR,ORBIT,CNV,9.9,BLUE
5	RP\200174	1	HOSE,HYD,1/2,16
4	RP\200173	1	HOSE,HYD,1/2,30
3	RP\200172	1	HOSE,HYD,1/2,21
2	RP\200171	1	HOSE,HYD,1/2,18
1	RP\200170	2	HOSE,HYD,3/4,120
ITEM	PART NO.	QTY.	DESCRIPTION

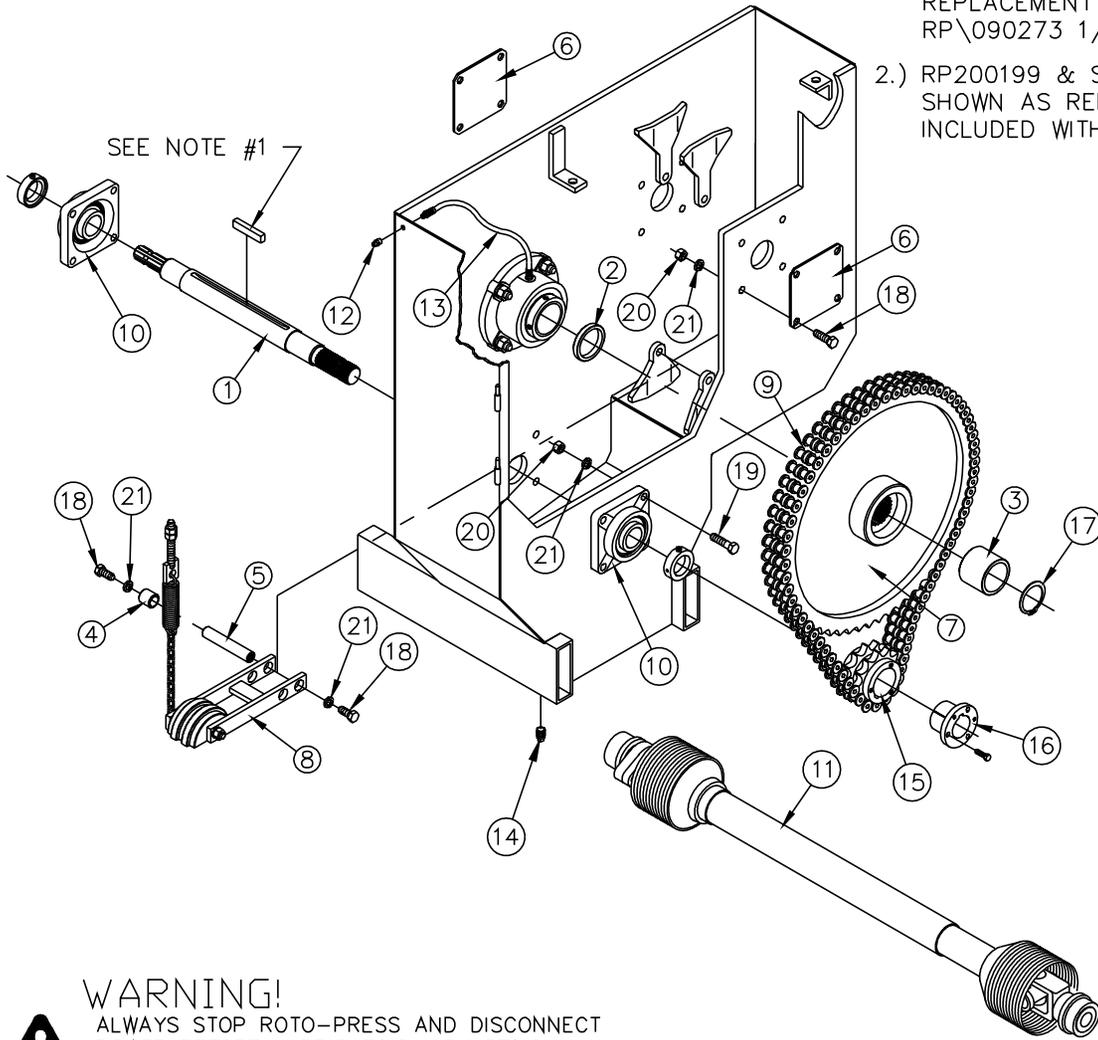
DRAWN	BM	DATE	6-93
CHECKED		DATE	
SCALE	1:1	BREAK ALL EDGES	.03 x 45°
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED FRACTIONAL ± 1/32 3 PLACE ± .005 2 PLACE ± .020 ANGULAR ± 1°			
MATERIAL	AS NOTED		

PROPERTY OF	CENTER INDUSTRIES LTD. SIOUX CENTER, IA. 51250		
	PIC, HYD, CONVEYOR, LNG, 10' RP		
SIZE	DWG NO.	REV	
B	RP\300140	D	

DWG. NO. RP\300176
DO NOT SCALE DRAWING

REVISIONS					REV	E
ECN	REV	DESCRIPTION	DATE	BY	CHK	
	A	UPDATE TO AS MANUF.	12-97	DS		
	B	RP\090277 WAS BRGRCJ2	10-99	TM		
	C	RP\100414 WAS RP090264	10-99	MH		
2492	D	DEL: RP200199 & SPOSRG234	11-03	CV		
2562	E	DEL: RP090299, ADD: RP090349 QTY 1	1-04	CV		

NOTE:
1.) KEY IS INCLUDED WITH Q-HUB REPLACEMENT PART NO. IS RP\090273 1/2x11/16 (3.50 LONG)
2.) RP200199 & SPOSRG234 SHOWN AS REFERENCE ONLY INCLUDED WITH BASE ROTO-PRESS



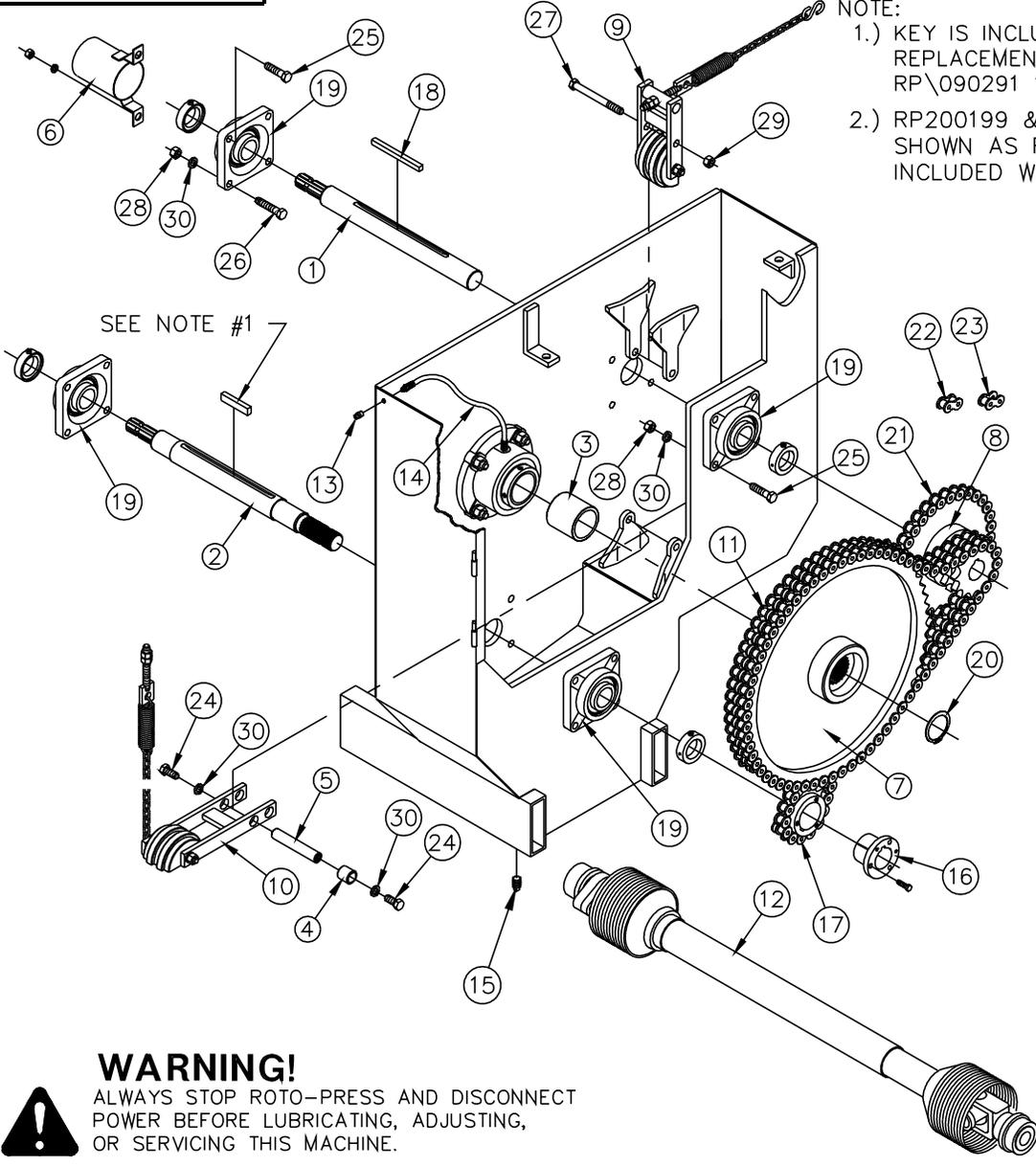
21	WSH58LOCK	18	WSH,LOCK,5/8
20	NUT58NC	16	NUT,HEX,5/8,NC,G5
19	BLT58X212NC	8	BLT,HEX,5/8,2-1/2,NC,G5
18	BLT58X112NC	10	BLT,HEX,5/8,1-1/2,NC,G5
*17	SPOSRG234	1	RING,SNAP,OUTSIDE,1.75
16	HUBQ22316	1	HUB,Q2,2.188
15	SPKD100Q13	1	SPK,100-2,Q,13
14	PFBL12PLUG	1	PLUG,1/2,BLK
13	SPGH24	1	HOSE,GRS,24,1/8NP
12	SPGZRK618	1	ZERK,GRS,1/8,FEM,PIPE,STR
11	RP\090349	1	PTO,540,WEASLER,44R,40.38
10	RP\090277	2	BRG,FLG,4BLT,2,PAINTED
9	RP\090271	1	CHAIN,ROLLER,100-2,69P,86.25,W/CONN
8	RP\200220	1	ROLLER,DBL,DRIVE,BOT,ASSY
*7	RP\200199	1	SPK,100,C,60,WLD
6	RP\100439	2	COVER,BRG,FLG,2
5	RP\100437	1	SHAFT,HINGE,1,5.69
4	RP\100436	1	WRM1121MCTB,1.31
3	RP\100434	1	SPACER,RND,3.5,2.88,3.5
2	RP\100432	1	SPACER,RND,3.5,2.88,.5
1	RP\100414	1	SHAFT,INPUT,HEAT,2.19,28
ITEM	PART NO.	QTY.	DESCRIPTION

WARNING!

ALWAYS STOP ROTO-PRESS AND DISCONNECT POWER BEFORE LUBRICATING, ADJUSTING, OR SERVICING THIS MACHINE.

DRAWN	BSM	DATE	1-97	PROPERTY OF	CENTER INDUSTRIES' LTD. SIOUX CENTER, IA. 51250
CHECKED		DATE			
SCALE	1:14.5	BREAK ALL EDGES	.03 x 45°	DRIVE,RP,540,1.38,ASSY	
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED FRACTIONAL ± 1/32 3 PLACE ± .005 2 PLACE ± .020 ANGULAR ± 1°					
MATERIAL	AS NOTED			SIZE	DWG. NO.
	B	RP\300176		REV	E

DWG. NO. RP\300192
DO NOT SCALE DRAWING



NOTE:
1.) KEY IS INCLUDE WITH Q-HUB
REPLACEMENT PART NO. IS
RP\090291 1/2x11/16 (2.50 LONG)
2.) RP200199 & SPOSRG234
SHOWN AS REFERENCE ONLY
INCLUDED WITH BASE ROTO-PRESS

SEE NOTE #1

REVISIONS					REV	D
ECN	REV	DESCRIPTION	DATE	BY	CHK	
	A	RP100413 WAS RP090263, RP100414 WAS RP090264	10-99	MH		
1552	B	RP\100531 WAS RCH100H	2-02	AP		
2492	C	DEL: RP200199 & SPOSRG234	11-03	CV		
2562	D	DEL: RP090299, ADD: RP090349 QTY 1	1-04	CV		

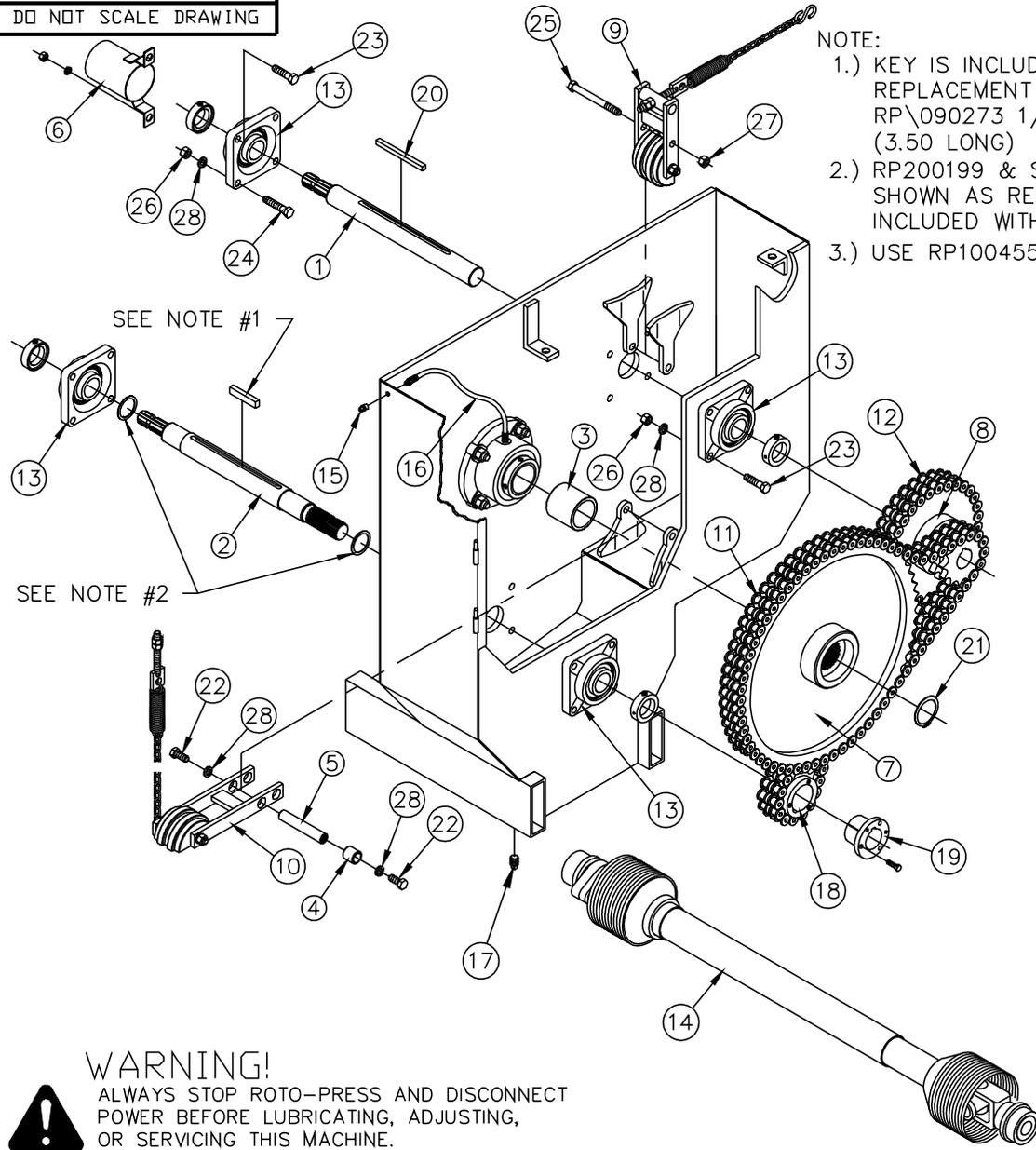
30	WSH58LOCK	20	WSH,LOCK,5/8
29	NUT58LOCKNC	1	NUT,LOCK,5/8,NC,G5
28	NUT58NC	18	NUT,HEX,5/8,NC,G5
27	BLT58X612NC	1	BLT,HEX,5/8,6-1/2,NC,G5
26	BLT58X3NC	2	BLT,HEX,5/8,3,NC,G5
25	BLT58X212NC	14	BLT,HEX,5/5,2-1/2,NC,G5
24	BLT58X112NC	2	BLT,HEX,5/8,1-1/2,NC,G5
23	RC100HOFF	1	LINK,OFF SET,100H
22	RC100HCON	1	LINK,CONN,100H
21	RP\100531	1	RCH100H,77.5,62P
*20	SPOSRG234	1	RING,SNAP,OUTSIDE,2.75
19	BRGRCJ2	4	BRG,FLG,4BLT,2
18	RP\100552	1	KEY12X12,6.25
17	SPK100Q16	1	SPK,100,Q,16
16	HUBQ12316	1	HUB,Q1,2.188
15	PFBL12PLUG	1	PLUG,1/2,BLK
14	SPGH24	1	HOSE,GRS,24,1/8NP
13	SPGZRK618	1	ZERK,GRS,1/8,FEM,PIPE,STR
12	RP\090349	1	PTO,540,WEASLER,44R,40.38
11	RP\090271	1	CHAIN,ROLLER,100-2,69P,86.25
10	RP\200220	1	ROLLER,DBL,DRIVE,BOT,ASSY
9	RP\200219	1	ROLLER,DBL,DRIVE,TOP,ASSY
8	RP\200205	1	SPK,100,B,13,100,B,20,WLD
*7	RP\200199	1	SPK,100,C,60,WLD
6	RP\200005	1	COVER,SHAFT,JACK,ASSY
5	RP\100437	1	SHAFT,HINGE,1.5,69
4	RP\100436	1	WRM1121MCTB,1.31
3	RP\100435	1	SPACER,RND,3.5,2.88,3.38
2	RP\100414	1	SHAFT,INPUT,HEAT,2.19,28
1	RP\100413	1	SHAFT,JACK,HEAT,2.19,23.12
ITEM	PART NO.	QTY.	DESCRIPTION

WARNING!
ALWAYS STOP ROTO-PRESS AND DISCONNECT
POWER BEFORE LUBRICATING, ADJUSTING,
OR SERVICING THIS MACHINE.

DRAWN DS	DATE 12-97
CHECKED	DATE
SCALE 1:14.5	BREAK ALL EDGES .03 x 45°
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED FRACTIONAL ± 1/32 3 PLACE ± .005 2 PLACE ± .020 ANGULAR ± 1°	
MATERIAL AS NOTED	

PROPERTY OF CENTER INDUSTRIES LTD. SIOUX CENTER, IA. 51250		
DRIVE, RP, 540, 80HP, ASSY		
SIZE B	DWG NO. RP\300192	REV D

DWG. NO. RP\300175
DO NOT SCALE DRAWING



NOTE:
 1.) KEY IS INCLUDE W\ Q-HUB REPLACEMENT P/N IS RP\090273 1/2x11/16 (3.50 LONG) (3.50 LONG)
 2.) RP200199 & SPOSRG234 SHOWN AS REFERENCE ONLY INCLUDED WITH BASE ROTO-PRESS
 3.) USE RP100455 AS REQUIRED.

REVISIONS					REV	H
ECN	REV	DESCRIPTION	DATE	BY	CHK	
	C	UPDATE FOR MFG.	12-97	DS		
	D	RP090277 WAS BRGR CJ2	10-99	TM		
	E	RP100414 WAS RP090264, RP100413 WAS RP090263	10-99	MH		
	F	ADDED RP100455 WAS REQUIRED	3-00	DK		
2492	G	DEL: RP200199 & SPOSRG234	11-03	CV		
2562	H	DEL: RP090320, ADD RP090350 QTY 1	1-04	CV		

28	WSH58LOCK	20	WSH,LOCK,5/8
27	NUT58LOCKNC	1	NUT,LOCK,5/8,NC,G5
26	NUT58NC	18	NUT,HEX,5/8,NC,G5
25	BLT58X612NC	1	BLT,HEX,5/8,6-1/2,NC,G5
24	BLT58X3NC	2	BLT,HEX,5/8,3,NC,G5
23	BLT58X212NC	14	BLT,HEX,5/8,2-1/2,NC,G5
22	BLT58X112NC	2	BLT,HEX,5/8,1-1/2,NC,G5
*21	SPOSRG234	1	RING,SNAP,OUTSIDE,2.75
20	RP\100552	1	KEY12X12,6.25
19	HUBQ22316	1	HUB,Q2,2.188
18	SPKD100Q13	1	SPK,100-2,Q,13
17	PFBL12PLUG	1	PLUG,1/2,BLK
16	SPGH24	1	HOSE,GRS,24,1/8NP
15	SPGZRK618	1	ZERK,GRS,1/8,FEM,PIPE,STR
14	RP\090350	1	PTO,1000,WEASLER,44R,40.38
13	RP\090277	4	BRG,FLG,4BLT,2,PAINTED
12	RP\090272	1	CHAIN,ROLLER,100-2,65P,81.25,W/CONN
11	RP\090271	1	CHAIN,ROLLER,100-2,69P,86.25,W/CONN
10	RP\200220	1	ROLLER,DBL,DRIVE,BOT,ASSY
9	RP\200219	1	ROLLER,DBL,DRIVE,TOP,ASSY
8	RP\200200	1	SPK,100,B,13,100,B,24,WLD
*7	RP\200199	1	SPK,100,C,60,WLD
6	RP\200005	1	COVER,SHAFT,JACK,ASSY
5	RP\100437	1	SHAFT,HINGE,1.5.69
4	RP\100436	1	WRM1121MCTB,1.31
3	RP\100435	1	SPACER,RND,3.5,2.88,3.38
2	RP\100414	1	SHAFT,INPUT,HEAT,2.19,28
1	RP\100413	1	SHAFT,JACK,HEAT,2.19,23.12
ITEM	PART NO.	QTY	DESCRIPTION

WARNING!
 ALWAYS STOP ROTO-PRESS AND DISCONNECT POWER BEFORE LUBRICATING, ADJUSTING, OR SERVICING THIS MACHINE.

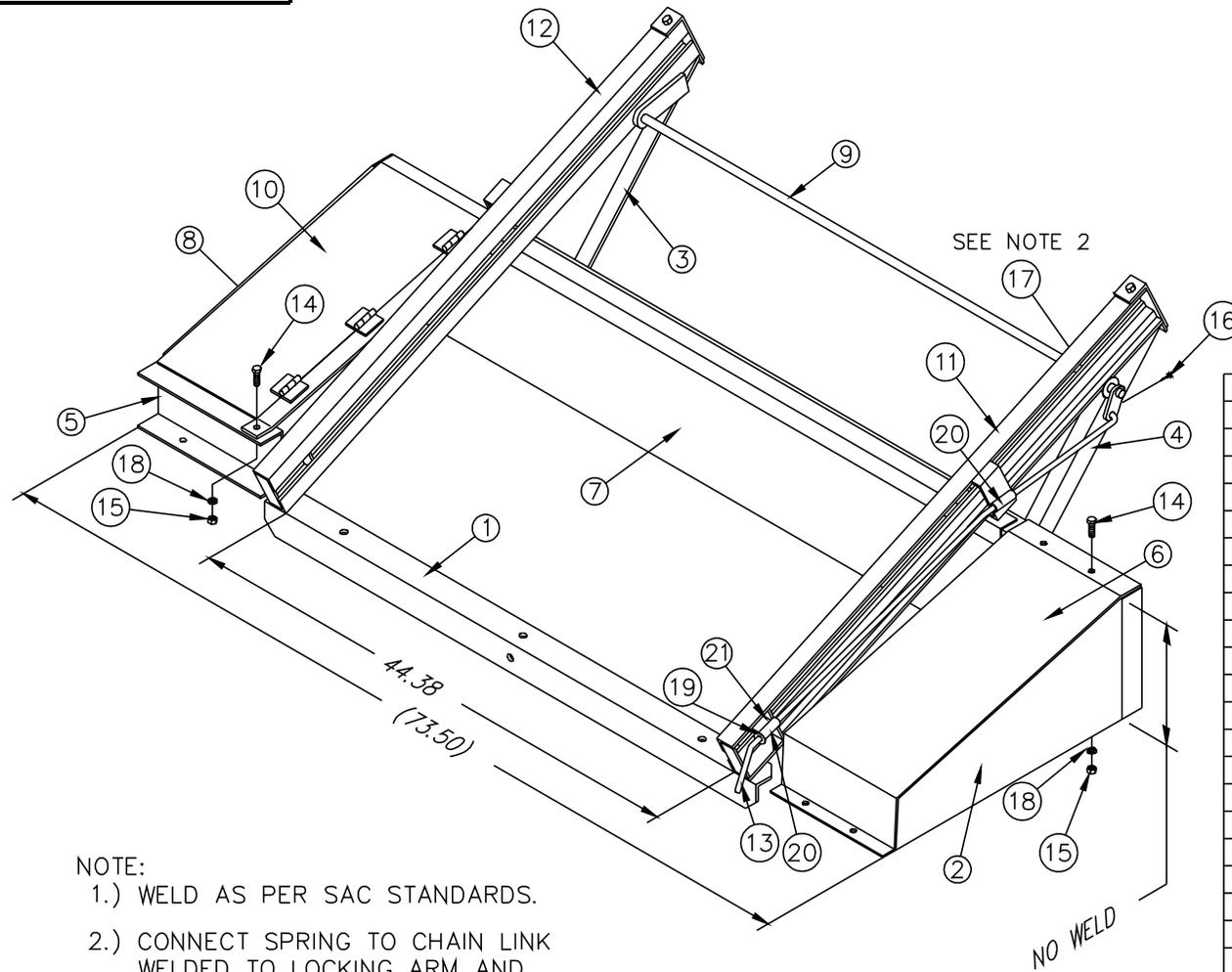


DRAWN	BSM	DATE	1-97
CHECKED		DATE	
SCALE	1:14.5	BREAK ALL EDGES	.03 x 45°
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED			
FRACTIONAL ± 1/32		3 PLACE ± .005	
2 PLACE ± .020		ANGULAR ± 1°	
MATERIAL	AS NOTED		

PROPERTY OF	CENTER INDUSTRIES LTD. SIOUX CENTER, IA. 51250		
DRIVE, RP, 1000, 1.38, ASSY			
SIZE	DWG. NO.	REV	
B	RP\300175	H	

DWG. NO. RP\200131
DO NOT SCALE DRAWING

REVISIONS					REV	D
ECN	REV	DESCRIPTION	DATE	BY	CHK	
	A	ADDED 1/2 BOLT & 3/8 QTY. WAS 4	7-97	BB		
	B	GENERAL UPDATE	1-98	DS		
	C	RP200245 WAS RP100365	3-99	MH		
	D	ITEM #8 WAS 2 NOW 1	7-99	TM		



- NOTE:
- 1.) WELD AS PER SAC STANDARDS.
 - 2.) CONNECT SPRING TO CHAIN LINK WELDED TO LOCKING ARM AND CONVEYOR SLIDE RAIL.

21	RP\100366	1	WRM316X2BAR,1.75
20	RP\100367	2	WRM38TEPIPE,2
19	WSH38FLAT	1	WSH,FLAT,3/8
18	WSH38LOCK	3	WSH,LOCK,3/8
17	SPSPRV4C	1	SPRING,EXPNSN.,.08,41/64,4
16	SPCP18X1	1	PIN,COTTER,.12,1
15	NUT38NC	3	NUT,HEX,3/8,NC,G5
14	BLT38X1NC	3	BLT,HEX,3/8,1,NC,G5
13	RP\100365	1	HANDLE,LOCK,CNV,43.75
12	RP\200229	1	RAIL,SHORT,ASSY,RR
11	RP\200228	1	RAIL,SHORT,ASSY,FR
10	RP\200145	1	DOOR,OVFLW,WLD
9	RP\200054	1	LOCK,BELT,HOPPER,SHORT,ASSY
8	RP\200015	1	PANEL,OVFLW,END,WLD
7	RP\200014	1	PANEL,OVFLW,WLD
6	RP\110029	1	SHIELD,UTROUGH,SPILL
5	RP\110027	1	SUPPORT,COVER,ACCESS
4	RP\100507	1	SUPPORT,SLIDE,RR
3	RP\100506	1	SUPPORT,SLIDE,FR
2	RP\100407	1	PANEL,OVFLW,FR
1	RP\100270	1	SUPPORT,ANGLE,SLIDE
ITEM	PART NO.	QTY.	DESCRIPTION

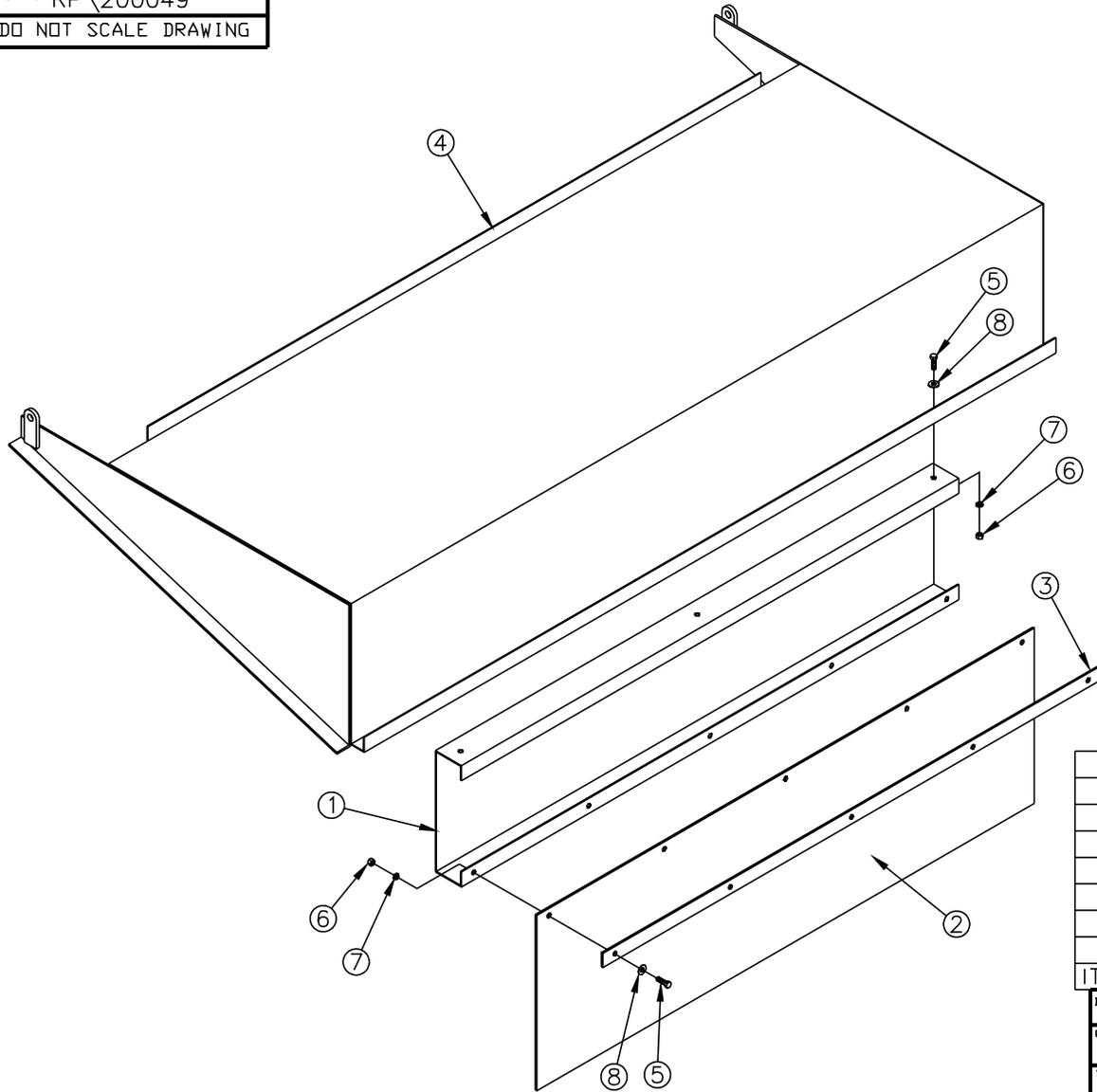


WARNING!
ALWAYS STOP ROTO-PRESS AND DISCONNECT POWER BEFORE LUBRICATING, ADJUSTING, OR SERVICING THIS MACHINE.

DRAWN	BM	DATE	5-93	PROPERTY OF	CENTER INDUSTRIES LTD. SIOUX CENTER, IA. 51250			
CHECKED		DATE						
SCALE	1:11	BREAK ALL EDGES	.03 x 45°	SLIDE, RAIL, SHORT, ASSY				
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED FRACTIONAL ± 1/32 3 PLACE ± .005 2 PLACE ± .020 ANGULAR ± 1°								
MATERIAL	AS NOTED		SIZE	B	DWG. NO.	RP\200131	REV	D

DWG. NO. RP\200049
DO NOT SCALE DRAWING

REVISIONS				REV	
ECN	REV	DESCRIPTION	DATE	BY	CHK



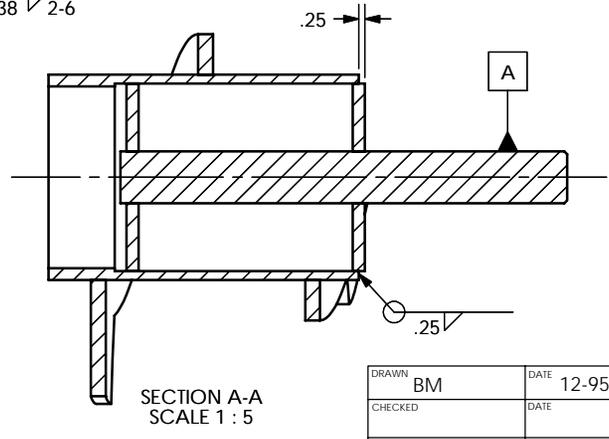
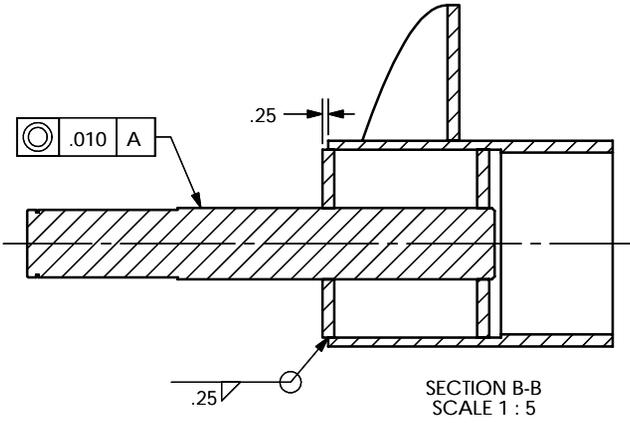
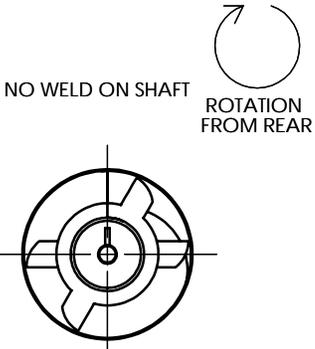
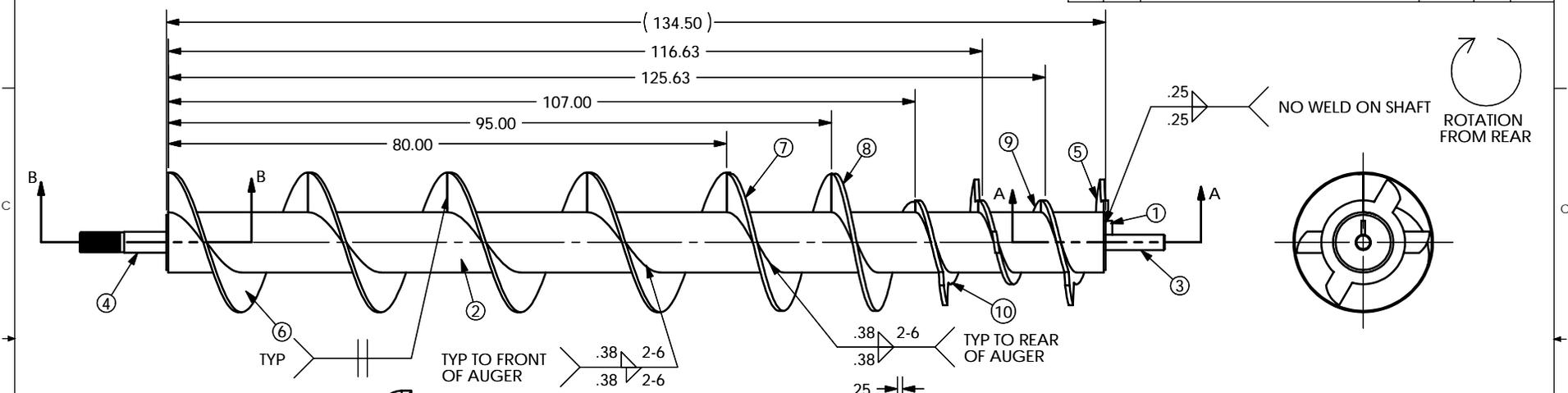
8	WSH14FLAT	8	WSH,FLAT,1/4
7	WSH14LOCK	8	WSH,LOCK,1/4
6	NUT14NC	8	NUT,HEX,1/4,NC,G5
5	BLT14X34NC	8	BLT,HEX,1/4,3/4,NC,G5
4	RP\200048	1	DIS,CNV,WLD
3	RP\100217	1	HOLDER,BELT,DIS
2	RP\100191	1	SHIELD,DIS,RUBBER
1	RP\100184	1	PANEL,DIS,BOT
ITEM	PART NO.	QTY.	DESCRIPTION

DRAWN	BM	DATE	6-93
CHECKED		DATE	
SCALE	1:9	BREAK ALL EDGES	.03 x 45°
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED			
FRACTIONAL ± 1/32		3 PLACE ± .005	
2 PLACE ± .020		ANGULAR ± 1°	
MATERIAL	AS NOTED		

PROPERTY OF	CENTER INDUSTRIES LTD. SIOUX CENTER, IA. 51250		
BELT HOPPER DISCH. ASSEMBLY			
SIZE	B	DWG. NO.	RP\200049
REV			

DWG NO. RP200194
DO NOT SCALE DRAWING

REVISIONS						REV E
ECN	REV.	DESCRIPTION	DATE	BY	CHK	
	A	ADDED DIMS & CHG DESCRIPTIONS	9-98	DS		
	B	ADDED SAC15902, SAC15903	8-99	TM		
	C	ADD: RP100611 QTY 2	5-00	MN		
606	D	ADDED NOTE #2	10-00	TM		
2504	E	DEL: SAC25208 ADD:RP100709	12-03	CV		



ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	RP100328	WRM12X1BAR,2
2	1	RP100709	TUBE,AUGER,ROTO-PRESS
3	1	RP200044	SHAFT,WLD,2.19,7.88,18.75
4	1	RP200195	SHAFT,WLD,3.8.13,19.62
5	1	SAC15549	FLT,12,9,8.62,.62,RH,STL,30
6	4	SAC15151	FLT,20,20,8.63,.5,RH
7	1	SAC15153	FLT,19.62,15.8.62,.62,RH
8	1	SAC15155	FLT,19.62,12.8.62,.62,RH
9	1	SAC15902	FLT,12,9,8.62,.62,RH,90
10	1	SAC15903	FLT,12,9,8.62,.62,RH,STL,150

DRAWN	BM	DATE	12-95
CHECKED		DATE	
SCALE	1:14	BREAK ALL EDGES	.03 X 45°
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED			
FRACTIONAL ± 1/32		3 PLACE ± .005	
2 PLACE ± .020		ANGULAR ± 1°	
MATERIAL	AS NOTED		

PROPERTY OF
SIOUX AUTOMATION CENTER INC.
877 FIRST AVE NW SIOUX CENTER, IA 51250

AUGER,RP,SHAFT,SPLINE,WLD

SIZE B DWG NO. RP200194 REV E
SHEET 1 OF 1

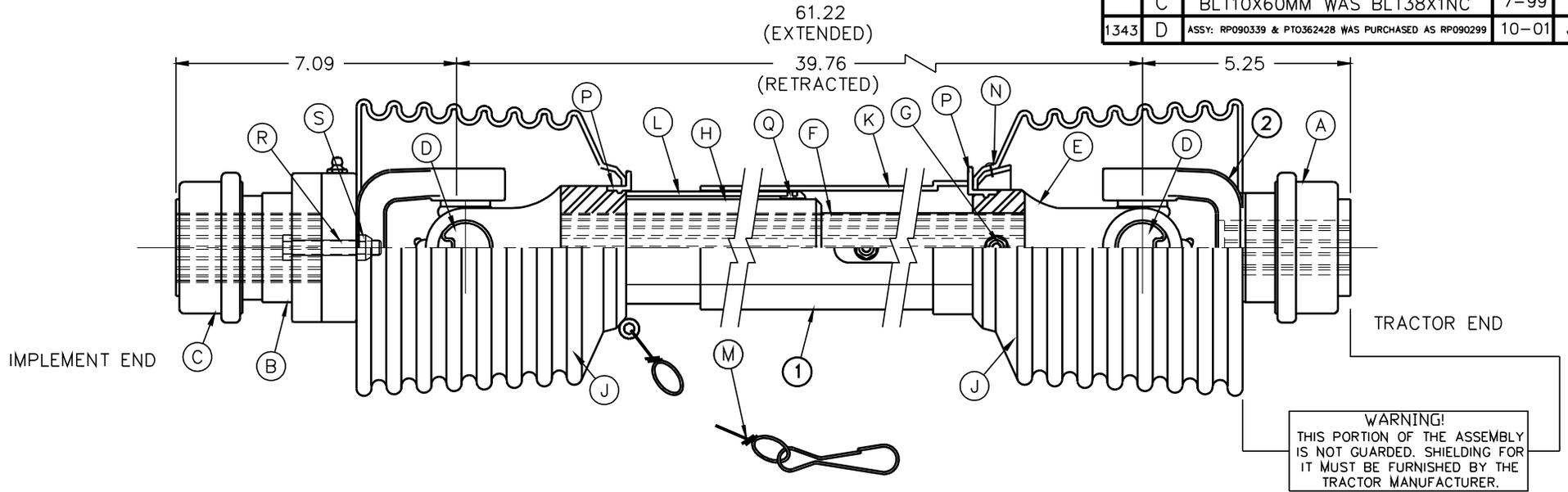
DWG NO. RP\090299

DO NOT SCALE DRAWING

REVISIONS

REV D

ECN	REV	DESCRIPTION	DATE	BY	CHK
	A	ADDED P/N FOR SHEAR YOKE	4-98	DS	
	B	BOLT NF GRADE 8 WAS NC GRADE 5	5-98	JN	
	C	BLT10X60MM WAS BLT38X1NC	7-99	TM	
1343	D	ASSY: RP090339 & PTO362428 WAS PURCHASED AS RP090299	10-01	JL	



WARNING!
THIS PORTION OF THE ASSEMBLY IS NOT GUARDED. SHIELDING FOR IT MUST BE FURNISHED BY THE TRACTOR MANUFACTURER.



WARNING!
ALWAYS STOP ROTO-PRESS AND DISCONNECT POWER BEFORE LUBRICATING, ADJUSTING, OR SERVICING THIS MACHINE.

GEN. NOTE: TRACTOR END: 1-3/8" 6-SPLINE YOKE
IMPLEMENT END: 1-3/4" 20-SPLINE YOKE W/SHEAR

* NOTE: PTO362428 COMES WITH PTO364915
PTO391054 COMES WITH PTO364916

ITEMS # A - # S ARE FOR PARTS MANUAL INFORMATION ONLY.

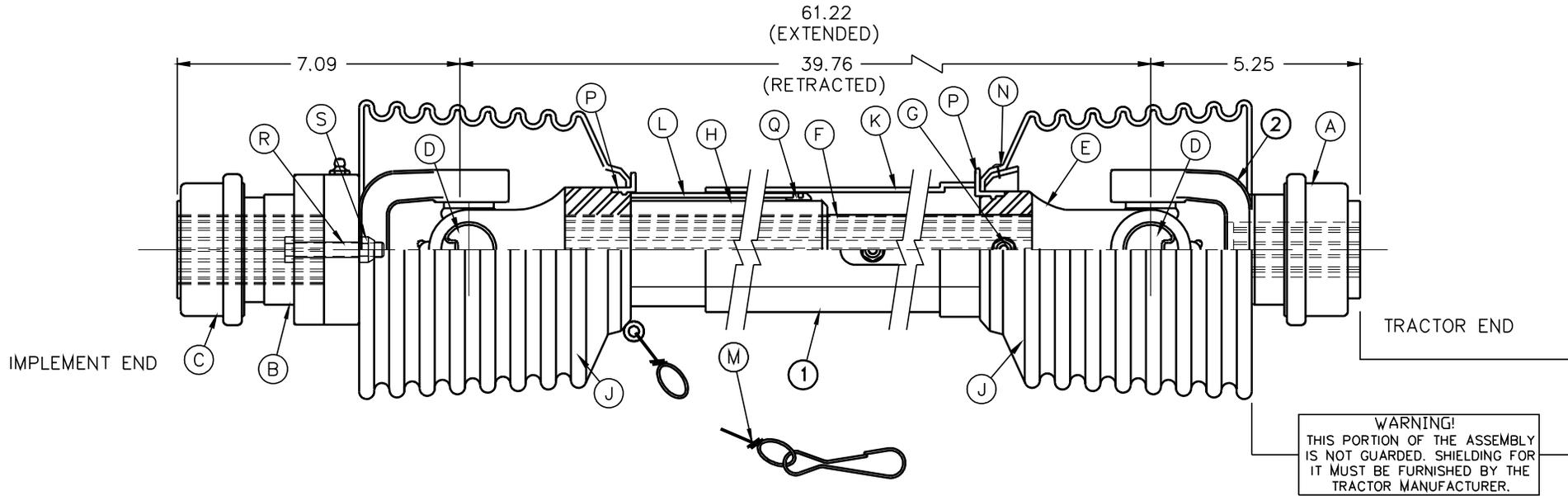
S	NUT10MMLOCK	2	NUT,NYLOCK,10MM
R	BLT10X60MM	2	BLT,HEX,10MM,60MM
Q	PTO355155	2	BRG,SHIELD,WALTERSCHEID
P	PTO087276	2	BRG,RING,W2500,WALTERSCHEID
N	PTO365305	2	SCREW,CONE,SHIELD,WALTERSCHEID
M	PTO044321	1	CHAIN,SAFETY,PTO,WALTERSCHEID
L	PTO391031	1	SHIELD,INNER,PTO,W2500,PL,BLK
K	PTO391030	1	SHIELD,OUTER,PTO,W2500,PL,BLK
J	PTO377438	2	CONE,SHIELD,PTO,W2500,PL,BLK (8 RIBS)
H	PTO390992	1	YOKE,TUBE,SLEEVE,W2500,40MM
G	PTO304046	1	PIN,ROLL,10MM,90MM
F	PTO390991	1	TUBE,INNER,PTO,W2500,36MM,40MM
E	PTO174039	1	YOKE,SPLINE,W2500,40MM,36MM
D	PTO312209	2	BRG,SHIELD,PTO,KIT,W2500
*C	PTO364916	1	KIT,COLLAR,W2500,1.75-20SPLINE
B	PTO391054	1	YOKE,SHEAR,W2500,1075-20SPLINE
*A	PTO364915	1	KIT,COLLAR,W2500,1.38,6SPLINE
2	PTO362428	1	YOKE,SPLINE,W2500,1.38,6SPLINE
1	RP090339	1	PTO,WLTRSCHD,2500,39.76
ITEM	PART NO.	QTY.	DESCRIPTION

DRAWN	DS	DATE	12-97
CHECKED		DATE	
SCALE	1:2.75	BREAK ALL EDGES	.03 x 45°
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED			
FRACTIONAL ± 1/32		3 PLACE ± .005	
2 PLACE ± .020		ANGULAR ± 1°	
MATERIAL	AS NOTED		

PROPERTY OF	CENTER INDUSTRIES LTD. SIOUX CENTER, IA. 51250		
	PTO,540,WLTRSCHD, 2500,36.38		
SIZE	DWG NO.	REV	
B	RP\090299	D	

DWG. NO. RP\090320
DO NOT SCALE DRAWING

REVISIONS					REV
ECN	REV	DESCRIPTION	DATE	BY	CHK
1343	A	RP090339 WAS RP090299	10-01	JL	



ITEMS # A - # S
ARE FOR PARTS MANUAL
INFORMATION ONLY.

S	NUT10MMLOCK	2	NUT,NYLOCK,10MM
R	BLT10X60MM	2	BLT,HEX,10MM,60MM
Q	PTO355155	2	BRG,SHIELD,WALTERSCHEID
P	PTO087276	2	BRG,RING,W2500,WALTERSCHEID
N	PTO365305	2	SCREW,CONE,SHIELD,WALTERSCHEID
M	PTO044321	1	CHAIN,SAFETY,PTO,WALTERSCHEID
L	PTO391031	1	SHIELD,INNER,PTO,W2500,PL,BLK
K	PTO391030	1	SHIELD,OUTER,PTO,W2500,PL,BLK
J	PTO377438	2	CONE,SHIELD,PTO,W2500,PL,BLK (8 RIBS)
H	PTO390992	1	YOKE,TUBE,SLEEVE,W2500,40MM
G	PTO304046	1	PIN,ROLL,10MM,90MM
F	PTO390991	1	TUBE,INNER,PTO,W2500,36MM,40MM
E	PTO174039	1	YOKE,SPLINE,W2500,40MM,36MM
D	PTO312209	2	BRG,SHIELD,PTO,KIT,W2500
*C	PTO364916	1	KIT,COLLAR,W2500,1.75-20SPLINE
B	PTO391054	1	YOKE,SHEAR,W2500,1075-20SPLINE
*A	PTO364915	1	KIT,COLLAR,W2500,1.38,6SPLINE
2	PTO362430	1	YOKE,SPLINE,W2500,1.38,21SPLINE
1	RP090339	1	PTO,WLTRSCHD,2500,39.76
ITEM	PART NO.	QTY.	DESCRIPTION



WARNING!
ALWAYS STOP ROTO-PRESS AND DISCONNECT
POWER BEFORE LUBRICATING, ADJUSTING,
OR SERVICING THIS MACHINE.

GEN. NOTE: TRACTOR END: 1-3/8" 21-SPLINE YOKE
IMPLEMENT END: 1-3/4" 20-SPLINE YOKE W/SHEAR

* NOTE: PTO362430 COMES WITH PTO364915
PTO391054 COMES WITH PTO364916

DRAWN DS	DATE 12-97	PROPERTY OF
CHECKED	DATE	CENTER INDUSTRIES LTD. SIOUX CENTER, IA. 51250
SCALE 1:2.75	BREAK ALL EDGES .03 x 45°	PTO,1000,WLTRSCHD, 2500,36.76
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED FRACTIONAL ± 1/32 3 PLACE ± .005 2 PLACE ± .020 ANGULAR ± 1°		SIZE B
MATERIAL AS NOTED	DWG. NO. RP\090320	REV A

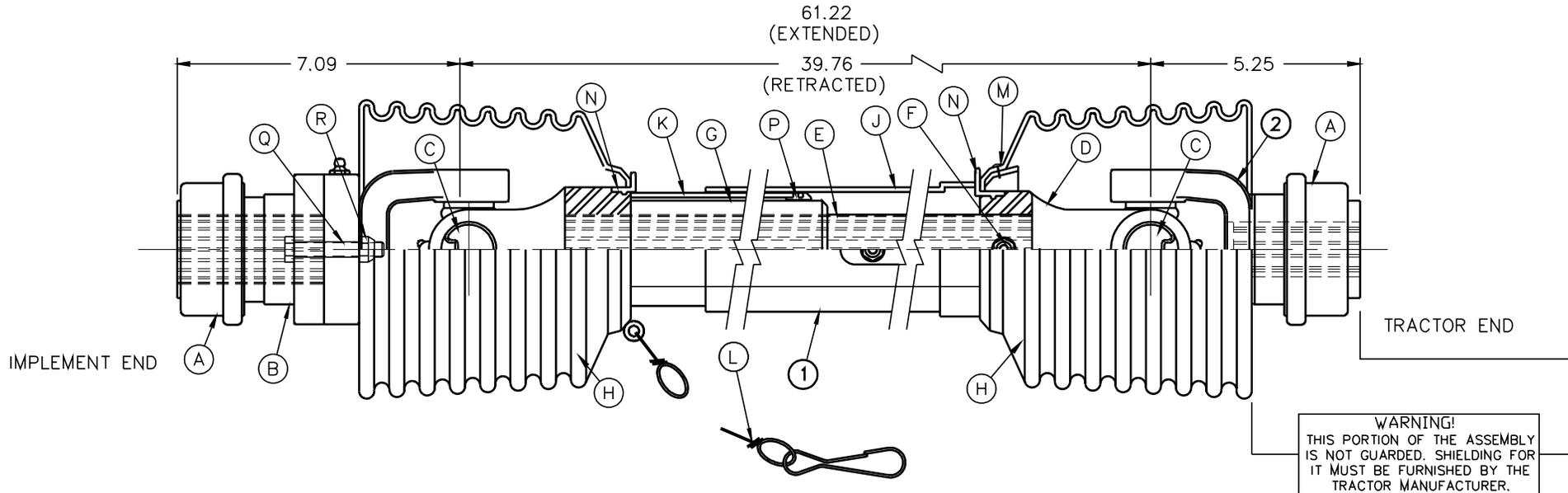
DWG. NO. RP\090321

DO NOT SCALE DRAWING

REVISIONS

REV A

ECN	REV	DESCRIPTION	DATE	BY	CHK
1343	A	RP090339 WAS RP090299	10-01	JL	



WARNING!
ALWAYS STOP ROTO-PRESS AND DISCONNECT POWER BEFORE LUBRICATING, ADJUSTING, OR SERVICING THIS MACHINE.

GEN. NOTE: TRACTOR END: 1-3/4" 20-SPLINE YOKE
IMPLEMENT END: 1-3/4" 20-SPLINE YOKE W/SHEAR

* NOTE: PTO362434 COMES WITH PTO364916
PTO391054 COMES WITH PTO364916

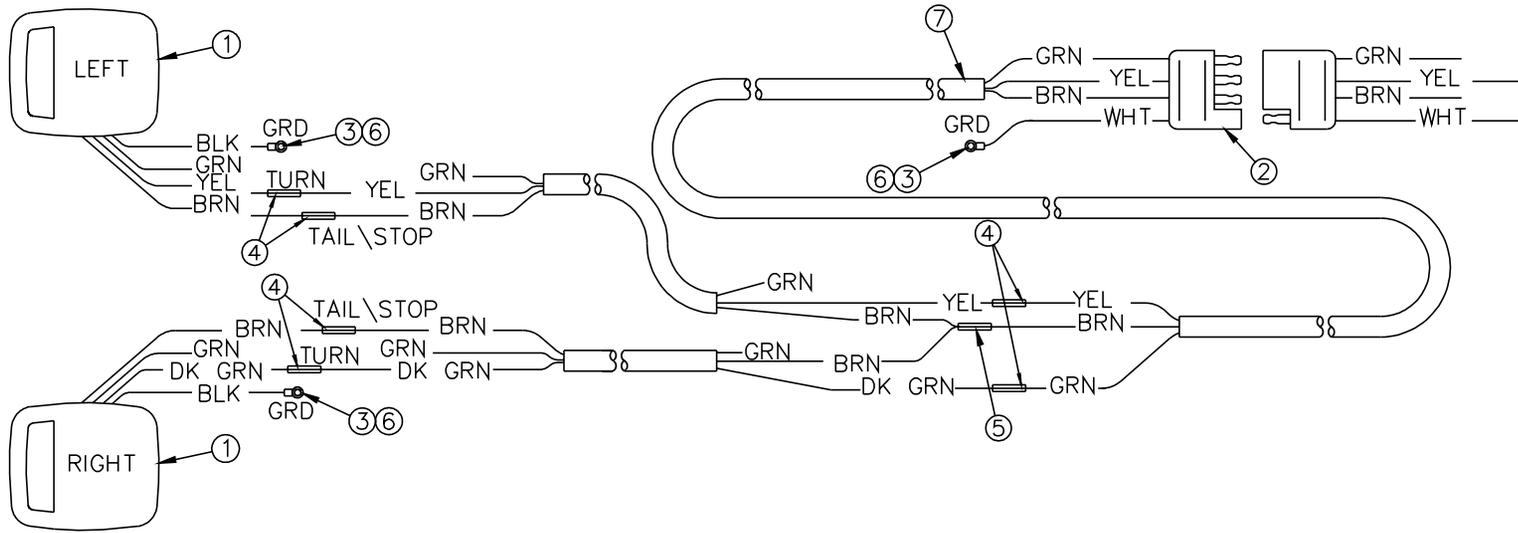
ITEMS # A - # R
ARE FOR PARTS MANUAL
INFORMATION ONLY.

R	NUT10MMLOCK	2	NUT,NYLOCK,10MM
Q	BLT10X60MM	2	BLT,HEX,10MM,60MM
P	PTO355155	2	BRG,SHIELD,WALTERSCHEID
N	PTO087276	2	BRG,RING,W2500,WALTERSCHEID
M	PTO365305	2	SCREW,CONE,SHIELD,WALTERSCHEID
L	PTO044321	1	CHAIN,SAFETY,PTO,WALTERSCHEID
K	PTO391031	1	SHIELD,INNER,PTO,W2500,PL,BLK
J	PTO391030	1	SHIELD,OUTER,PTO,W2500,PL,BLK
H	PTO377438	2	CONE,SHIELD,PTO,W2500,PL,BLK (8 RIBS)
G	PTO390992	1	YOKE,TUBE,SLEEVE,W2500,40MM
F	PTO304046	1	PIN,ROLL,10MM,90MM
E	PTO390991	1	TUBE,INNER,PTO,W2500,36MM,40MM
D	PTO174039	1	YOKE,SPLINE,W2500,40MM,36MM
C	PTO312209	2	BRG,SHIELD,PTO,KIT,W2500
B	PTO391054	1	YOKE,SHEAR,W2500,1075-20SPLINE
* A	PTO364916	2	KIT,COLLAR,W2500,1.75-20SPLINE
2	PTO362434	1	YOKE,SPLINE,W2500,1.75,20SPLINE
1	RP090339	1	PTO,WLTRSCHD,2500,39.76
ITEM	PART NO.	QTY.	DESCRIPTION

DRAWN DS	DATE 12-97	PROPERTY OF	CENTER INDUSTRIES LTD. SIOUX CENTER, IA. 51250
CHECKED	DATE		
SCALE 1:2.75	BREAK ALL EDGES .03 x 45°	PTO,1000,SHEAR,1.75,RP	
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED FRACTIONAL ± 1/32 3 PLACE ± .005 2 PLACE ± .020 ANGULAR ± 1°			
MATERIAL AS NOTED	SIZE B	DWG NO. RP\090321	REV A

DWG. NO. RP\300195
DO NOT SCALE DRAWING

REVISIONS					REV	C
ECN	REV	DESCRIPTION	DATE	BY	CHK	
	A	UPDATE & REVISED WIRING	2-98	DS		
	B	240.00 WAS 300.00, ADD NOTE	4-98	DS		
	C	REMOVED STI\700231	4-99	JN		



NOTE:

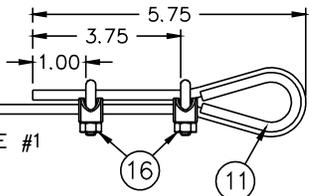
- 1.) STAGGER THE SOLDERING OF WIRES SO THAT WIRES WILL FIT IN WIRE WRAP.
- 2.) USE GROMMET IN FRAME RAIL WHERE WIRE GOES THRU RECT. TUBING.
- 3.) USE WIRE WRAP ONLY WHERE THE WIRE IS EXPOSED TO THE ELEMENTS
- 4.) DIFFERENT MODELS WIRING MAY VARY IN WIRE COLORS.
- 5.) AT THE PLUG END, LEAVE 24" LONG LEAD EXPOSED.

7	STI\700347	1	LOOM,WIRE,.38 (144" LONG)
6	SP14X1TS	3	SCREW,HEX,1/4,1,DRLNG
5	SCA14SHRINK	1	TUBE,.25,SHRINK,BLK (2.00 LONG)
4	SCA18SHRINK	7	TUBE,.12,SHRINK,BLK (1.00 LONG)
3	JES452145	3	TRMNL,RING,BLUE,.25
2	RP\090323	1	HARNESS,WIRE,240
1	RP\090322	2	LIGHT,CMBNTN,UNVRSL
ITEM	PART NO.	QTY.	DESCRIPTION

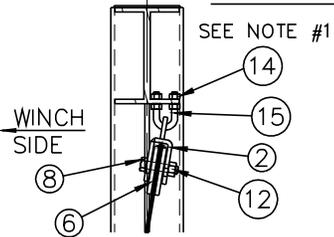
DRAWN DS	DATE 2-98	PROPERTY OF
CHECKED	DATE	SIoux AUTOMATION CENTER, INC.
SCALE 1:1.5	BREAK ALL EDGES .03 x 45°	877 FIRST AVE NW SIOUX CENTER, IOWA 51250
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED		
FRACTIONAL ± 1/32 3 PLACE ± .005		
2 PLACE ± .020 ANGULAR ± 1°		
MATERIAL AS NOTED	SIZE B	DWG NO. RP\300195
		REV C

LIGHT, WIRING, KIT

DWG. NO. RP\300128
DO NOT SCALE DRAWING

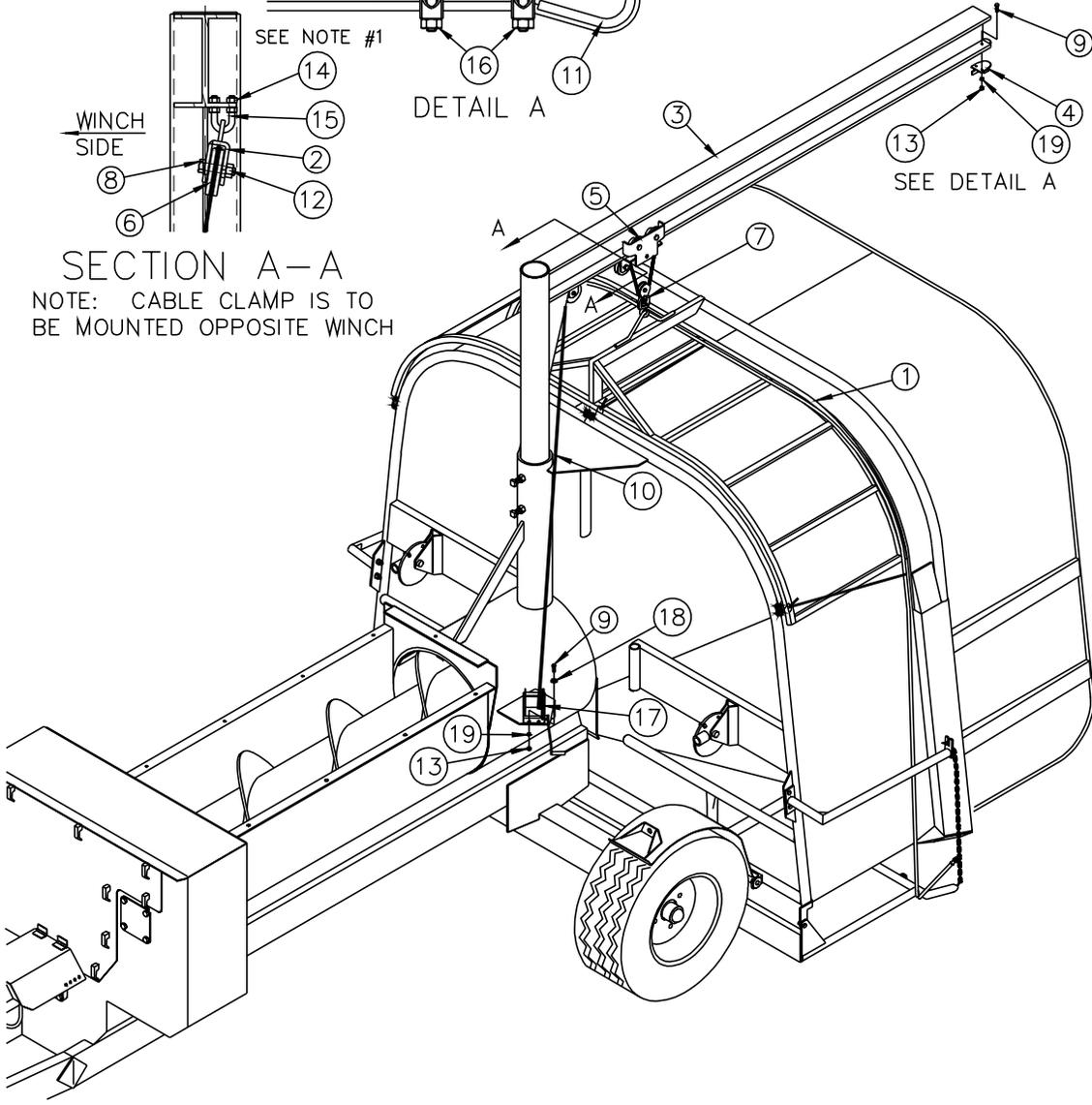


NOTE:
1.) TIGHTEN NUTS EVENLY, ALTERNATE FROM ONE NUT TO THE OTHER UNTIL REACHING 7.5 FT. LBS. OF TORQUE.



SECTION A-A

NOTE: CABLE CLAMP IS TO BE MOUNTED OPPOSITE WINCH



REVISIONS					REV
ECN	REV	DESCRIPTION	DATE	BY	CHK
	A	ADDED SECTION A-A	7-97	DS	
	B	RP\090317 WAS RP\090063	12-97	VM	
	C	REDRAWN AND GEN. UPDATE	4-98	DS	



WARNING!

ALWAYS STOP RO-TO-PRESS AND DISCONNECT POWER BEFORE LUBRICATING, ADJUSTING, OR SERVICING THIS MACHINE.

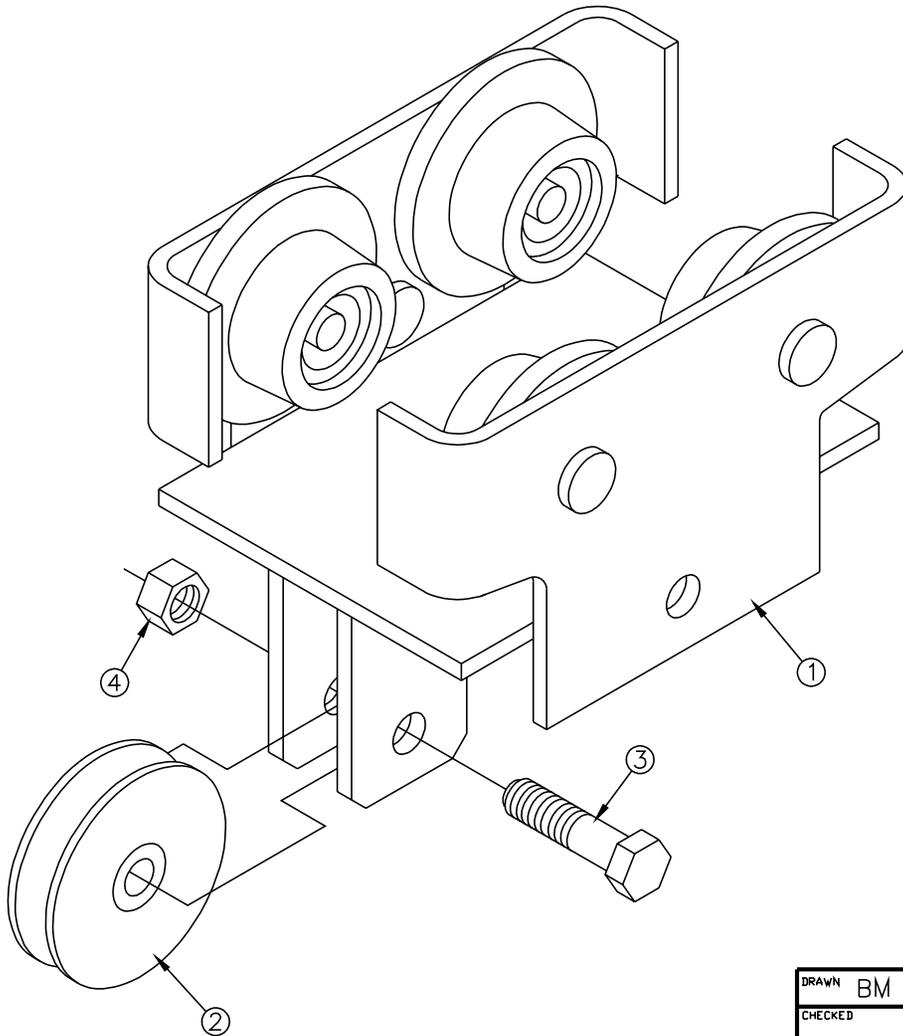
19	WSH38LOCK	5	WSH,LOCK,3/8
18	WSH38FLAT	3	WSH,FLAT,3/8
17	SPDLB1000	1	WINCH,1000#,W/DISKBRAKE
16	SPCABCLP316	2	CLAMP,CABLE,3/16
15	SPCABCLP12	1	CLAMP,CABLE,1/2
14	NUT716NC	2	NUT,HEX,7/16,NC,G5
13	NUT38NC	5	NUT,HEX,3/8,NC,G5
12	NUT12LOCKNC	1	NUT,LOCK,PUNCH,1/2,NC,G5
11	CAB316THIMBLE	1	THIMBLE,CABLE,.19
10	CAB316	1	CABLE,.19,GALV (348.00 LONG)
9	BLT38X114NC	5	BLT,HEX,3/8,1-1/4,NC,G5
8	BLT12X2NC	1	BLT,HEX,1/2,2,NC,G5
7	RP\090279	1	BLOCK,PUL,HOOK,ASSY
6	RP\090222	1	PUL,CABLE,3,.5
5	RP\300166	1	TROLLEY,PUL,DBL,ASSY
4	RP\200204	1	STOP,TROLLEY,WLD
3	RP\200203	1	BOOM,BAG,PUL,DBL,WLD
2	RP\200147	1	BRKT,PUL,WLD
1	RP\200133	1	LIFT,BAG,8'
ITEM	PART NO.	QTY.	DESCRIPTION

DRAWN	BM	DATE	5-93
CHECKED		DATE	
SCALE	1:25	BREAK ALL EDGES	.03 x 45°
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED FRACTIONAL ± 1/32 3 PLACE ± .005 2 PLACE ± .020 ANGULAR ± 1°			
MATERIAL	AS NOTED		

PROPERTY OF		CENTER INDUSTRIES' LTD. SIOUX CENTER, IA. 51250	
		LIFT, BAG, BOOM, 8', KIT	
SIZE	DWG. NO.	REV	
B	RP\300128	C	

DWG. NO. RP\300166
 DO NOT SCALE DRAWING

REVISIONS				REV	
ECN	REV	DESCRIPTION	DATE	BY	CHK



WARNING!

ALWAYS STOP MIXER AND DISCONNECT POWER BEFORE LUBRICATING, ADJUSTING, OR SERVICING THIS MACHINE.

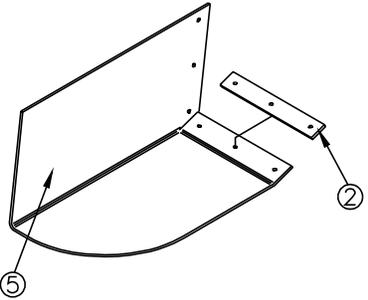
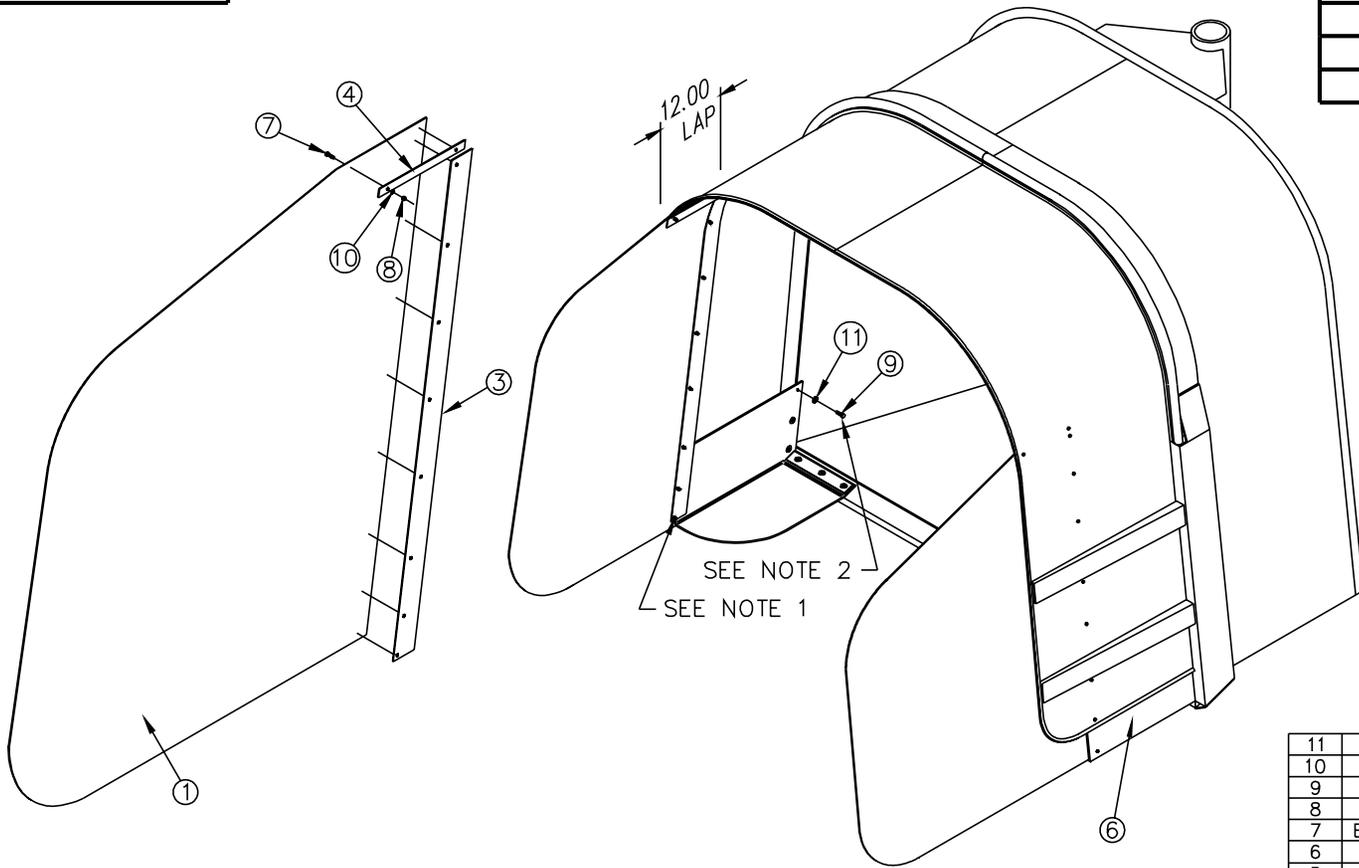
ITEM	PART NO.	QTY.	DESCRIPTION
4	NUT12LOCKNC	2	NUT,HEX,1/2,NC,G5
3	BLT12X2NC	2	BLT,HEX,1/2,2,NC,G5
2	RP\090222	2	PUL,CABLE,3,.5
1	RP\200075	1	TROLLEY,PUL,DBL,WLD

DRAWN	BM	DATE	1-96
CHECKED		DATE	
SCALE	1:2	BREAK ALL EDGES	.03 x 45°
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED			
FRACTIONAL ± 1/32		3 PLACE ± .005	
2 PLACE ± .020		ANGULAR ± 1°	
MATERIAL	AS NOTED		

PROPERTY OF		CENTER INDUSTRIES' LTD.	
		SIOUX CENTER, IA. 51250	
TROLLEY,PUL, DBL,ASSY			
SIZE	DWG NO.		REV
B	RP\300166		

DWG. NO. RPC\900005
 DO NOT SCALE DRAWING

REVISIONS					REV	C
ECN	REV	DESCRIPTION	DATE	BY	CHK	
	A	CHANGED DRILL HOLE SIZE & BOLT LENGTH	9-92	VM		
	B	60.00 SIDE PANEL WAS 48.00	9-98	JB		
	C	BLT14X114NC WAS BLT14X112NC	9-99	TM		



- NOTE:
- 1.) DRILL $\phi.31$ HOLE INTO PLASTIC AND ROTO-PRESS SHROUD AND PUT IN 1/4x1-1/2 BOLT NC AND 1/4 FLAT WASHER ON PLASTIC SIDE AND 1/4" LOCK WASHER AND NUT ON OTHER SIDE. (22 PLCS.)
 - 2.) DRILL $\phi.22$ HOLE FOR ALL SELF TAPPING BOLTS. (12 PLCS.)

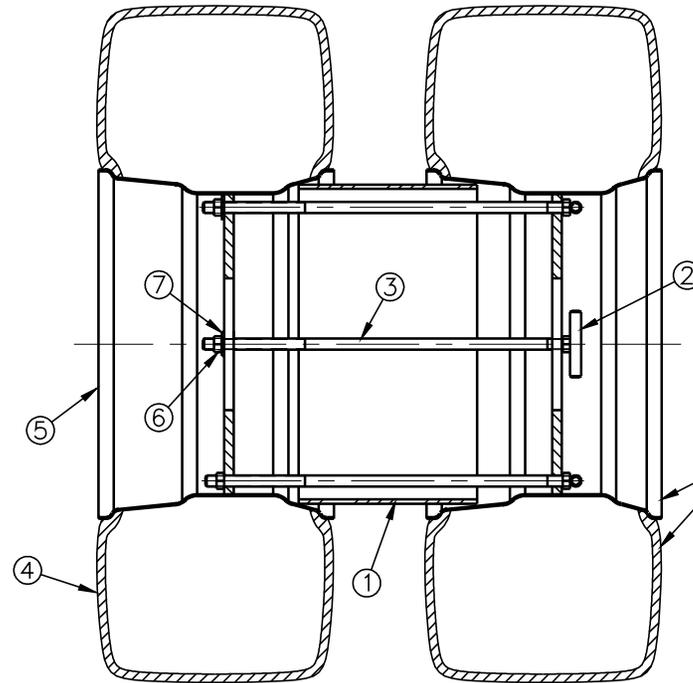
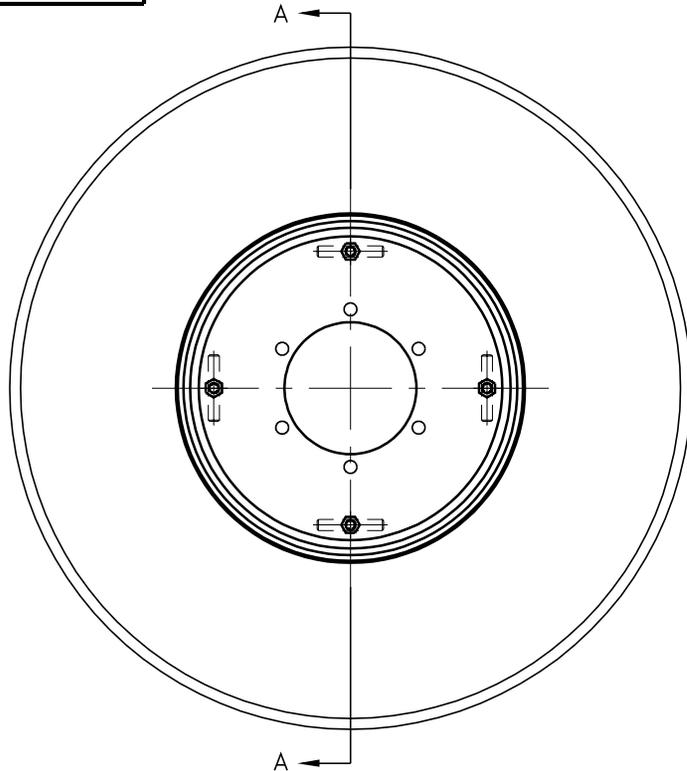
11	WSH14LOCK	20	WSH,LOCK,1/4
10	WSH14FLAT	12	WSH,FLAT,1/4
9	SP14X1TS	12	SCREW,HEX,1/4,1,DRLNG
8	NUT14NC	20	NUT,HEX,1/4,NC,G5
7	BLT14X114NC	20	BLT,HEX,1/4,1-1/4,NC,G5
6	RP\100526	1	PANEL,CORN,RH,BOT
5	RP\100525	1	PANEL,CORN,LH,BOT
4	RP\100317	2	HOLDER,PANEL,TOP
3	RP\100316	2	HOLDER,PANEL,SIDE
2	RP\100315	2	HOLDER,PANEL,BOT
1	RP\100313	2	PANEL,CORN,SIDE,48,60
ITEM	PART NO.	QTY.	DESCRIPTION

DRAWN	BM	DATE	9-92
CHECKED		DATE	
SCALE	1:23	BREAK ALL EDGES	.03 x 45°
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED			
FRACTIONAL $\pm 1/32$		3 PLACE $\pm .005$	
2 PLACE $\pm .020$		ANGULAR $\pm 1^\circ$	
MATERIAL	AS NOTED		

PROPERTY OF		CENTER INDUSTRIES LTD.	
		SIOUX CENTER, IA. 51250	
		CORN, SHELL,	
		8', 9', KIT	
SIZE	DWG. NO.	REV	
B	RPC\900005	C	

DWG. NO. RPC\900006
DO NOT SCALE DRAWING

REVISIONS				REV	
ECN	REV	DESCRIPTION	DATE	BY	CHK



TIRE AND RIM MOUNTED TO ROTO-PRESS

VIEW A-A

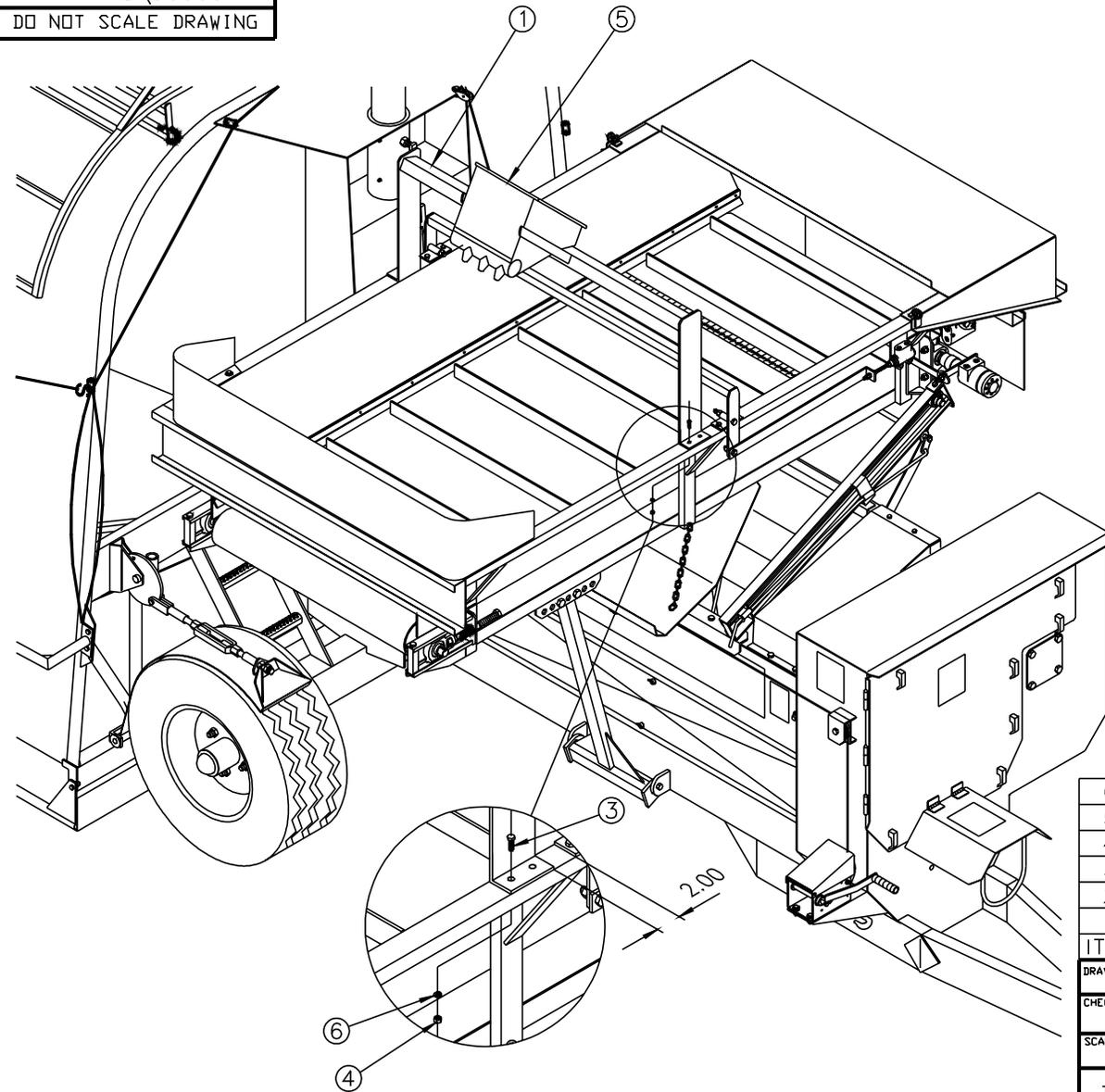
2 REQ'D

7	WSH12FLAT	4	WSH,FLAT,1/2
6	NUT12NC	4	NUT,HEX,1/2,NC,G5
5	RP090050	1	RIM15X115X6 RIM
4	RP090049	1	TIR1150X312X15 TIRE
3	RP\100385	4	DUAL KIT CONNECTING ROD
2	RP\100384	4	DUAL KIT TEE NUT
1	PR\100383	1	DUAL KIT SPACER
ITEM	PART NO.	QTY.	DESCRIPTION

DRAWN	BM	DATE	10-93	PROPERTY OF	CENTER INDUSTRIES LTD. SIOUX CENTER, IA. 51250			
CHECKED		DATE						
SCALE	1:6	BREAK ALL EDGES	.03 x 45°	DUALS,KIT				
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED FRACTIONAL ± 1/32 3 PLACE ± .005 2 PLACE ± .020 ANGULAR ± 1°								
MATERIAL	AS NOTED		SIZE	B	DWG. NO.	RPC\900006	REV	

DWG. NO. RPC\900007
 DO NOT SCALE DRAWING

REVISIONS				REV	
ECN	REV	DESCRIPTION	DATE	BY	CHK



NOTE: POWER SUPPLY CABLE AND MOUNTING BOLTS FOR HOPPER ASSEMBLY ARE SUPPLIED WITH ITEM #5, 3 SPOUT JR ADDITIVE APPLICATOR.

6	WSH38LOCK	4	WSH,LOCK,3/8
5	SP0903JRWP12	1	APPLCTR,Y,3SPOUT,DRY
4	NUT38NC	4	NUT,HEX,3/8,NC,G5
3	BLT38X34NC	4	BLT,HEX,3/8,3/4,NC,G5
2	RP\200181	1	CORD,POWER,GANDY
1	RP\200180	1	BRKT,HOPPER,GANDT,WLD
ITEM	PART NO.	QTY.	DESCRIPTION

DRAWN DS	DATE 4-98	PROPERTY OF
CHECKED	DATE	SIoux AUTOMATION CENTER, INC.
SCALE 1:20	BREAK ALL EDGES .03 x 45°	877 FIRST AVE NW SIOUX CENTER, IOWA 51250
DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED FRACTIONAL ± 1/32 3 PLACE ± .005 2 PLACE ± .020 ANGULAR ± 1°		
MATERIAL AS NOTED	SIZE B	DWG NO. RPC\900007

ADDTV,GANDY,KIT

REV