Service Trainning School

Single Bale Wrapper

Feb 15-17 2011

Advanced
COMFORT TECHNOLOGY, INC.
Dual Chamber U.S. Patent No. 6,935,273

ANDERSON

Outline

- About us
- Product Range Overview
- Getting Started and Setting
- Operation
- Adjustments &Trouble Shooting
- Maintenance
- Check list (before machine delivery)

About us

Anderson Company

Founded in 1988

Over 80 employes

Over 300 inline wrappers sold /YR

Manufacturing shop size 17,000ft sq

Storage yard size 300,000ft sq

Located in Chesterville, Canada

About us

Anderson Network

Product Range Overview

Agricultural

Inline Wrapper
4 models

Single Wrapper
7 models

Bale carrier
5 models

Forestry

Log Loader
4 Models

Biomass

Biobaler ®

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Product Range Overview

RB 400 / 500 / 600

Spec

- Trailer pull type
- Wraps bales (all sizes up to 6’)
- Mechanical cut and hold system on RB500-600
- Bale counter (Day/Year)
- Hydraulic table dumper
- 30” aluminum stretchers
- Bale guide roller
- Easy film loader
- Seam free belts

600 is a fully automatic wrapper

Options

- 13 HP power pack with electric start
- Extension cable for tractor

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Product Range Overview

RB 580/680

Spec

- Trailer pull type
- Wraps bales (all sizes up to 6’)
- Fully automatic with hand-held remote (680)
- 13HP power pack with electric start
- Bale Counter (Day/Year)
- Hydraulic cut and hold plastic system
- 30’’ aluminum stretcher
- Bale guide roller
- Easy plastic film loader
- Seam free belts

Options

- Regular bale dumper
- 3 position bale dumper
- Front and rear stabilizers
- Self loading arm

Product Range Overview

RB 780 /790

Spec.

- Trailer pull type
- Square bale 3, x 3’ up to 61/2’ long
- Round bale (4’x5’, 5’ x 5’, 5’ x 6’)
- Fully automatic with hand-held remote
- 13 HP power pack with electric start
- Work light
- Electronic bale counter (Day/Year)
- Hydraulic Plastic cut and hold system
- 30’’ aluminum stretchers
- Bale receiver
- Easy plastic film loader

Options

- Double film holder
- Front and rear stabilizers

Note:780 is a stationary model

790 is a mobile model with loading arm

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Getting started and setting

- Bale counter IG-C3
- Receiver
- Remote Control
- Guide Roller
- Plastic film roll Installation
- Drop off
- Stabiliser
- Loading arm

Bale counter IG-03

(Program menus)

Menu #1 (adjustment of turns / plastic layers)
In this menu you can adjust the number of turns that the wrapper makes in each cycle. We recommend 17 turns which will give you approximately 4 layers of plastic on the wrapped bale.

Menu #2
To get to the menu you press the Adjust. Select button.
This menu is to change the daily bales. By pressing up and down you can change this number.

Menu #3
By pressing the Adjust. Select button you will arrive at this menu.
The menu shows the bales wrapped yearly. You can reset this by using the + / - buttons.

Menu #4
By pressing the Adjust. Select button for the 4th time you will arrive at this menu. This menu is for changing the language.
By pressing the Adjust. Select button one more time you will go to the first menu again.

Note: When you wrap bales (after you have preset the number of turns that you will be putting on each bale) manually with the levers and you are close to having the number of turns the bale counter will beep three times. At this point you will bring the table to its dumping position (Center of the table will be aligned with the axle) and dump the table. If you have a model 400, you will have to cut the plastic before you dump.

Receiver

Antenna

Emergency Stop / Start button

Align / Wrap
Blinking fast : Error
Blinking slowly: Wrapping
Continuous: Ready

Manual Controls

Remote Control

Menu or Adjustment

Information

Select menu or adjusment

Power on / off

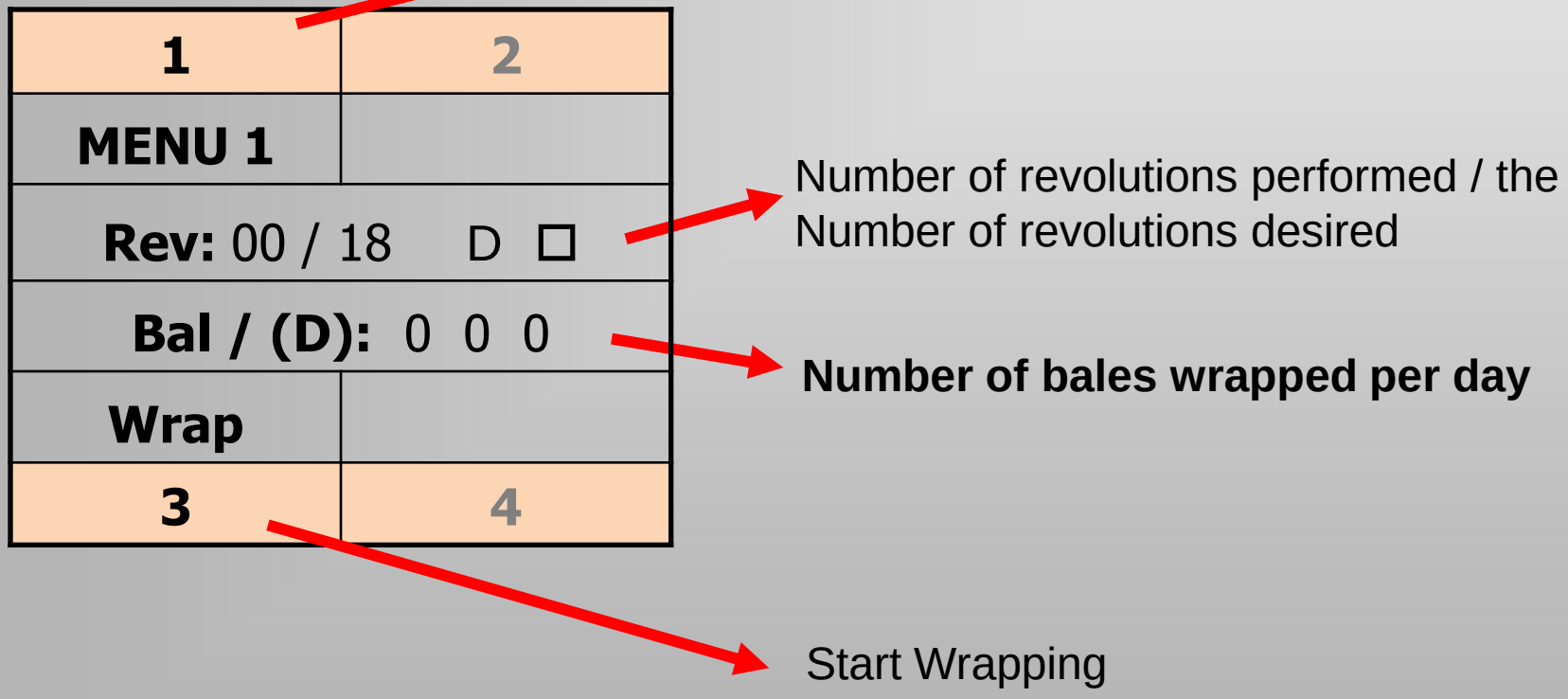
1,**2**,**3** & **4**: Selection button

Info located in bottom or upper box

Emergency stop

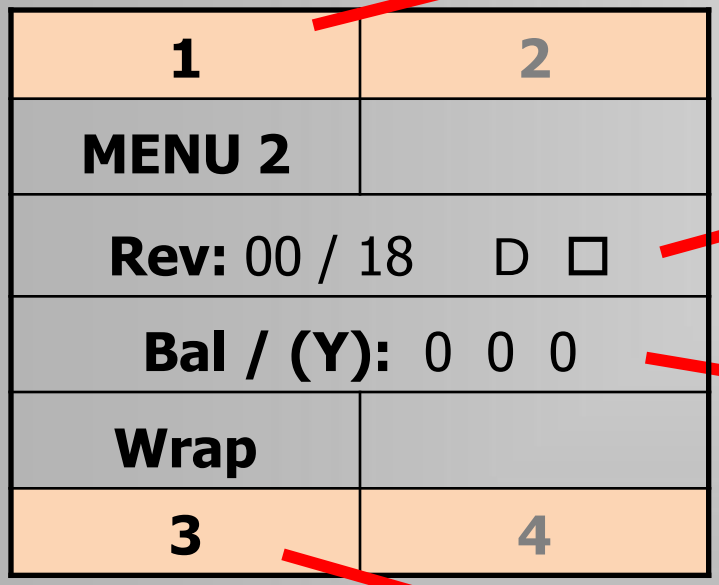
Remote Control

Menu 1



Remote Control

Menu 2



Access the following menu

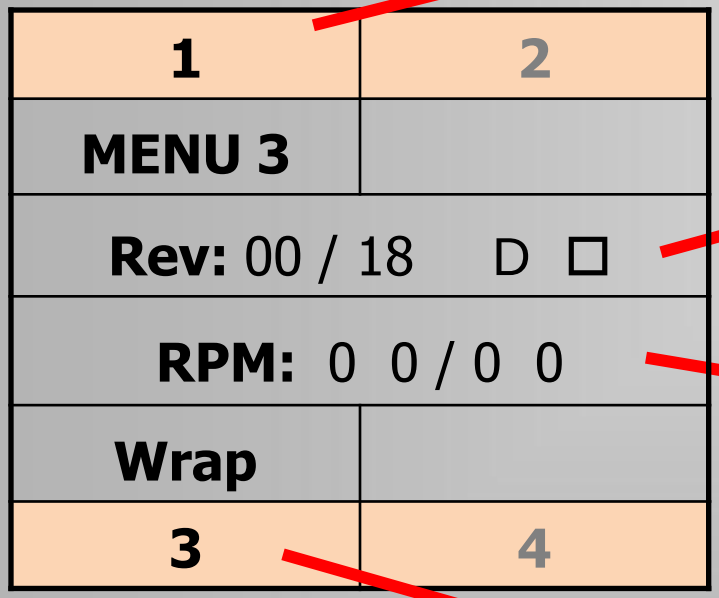
Number of revolutions performed / the Number of revolutions desired

Number of bales wrapped per year

Start Wrapping

Remote Control

Menu 3



Access the following menu

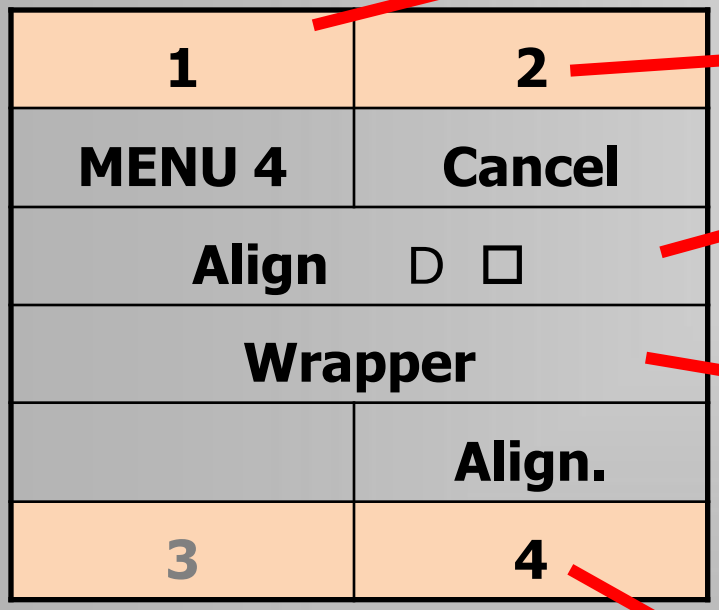
Number of revolutions performed / the Number of revolutions desired

actual RPM / desired RPM

Start Wrapping

Remote Control

Menu 4



Access the following menu

Cancel wrapping

Align menu

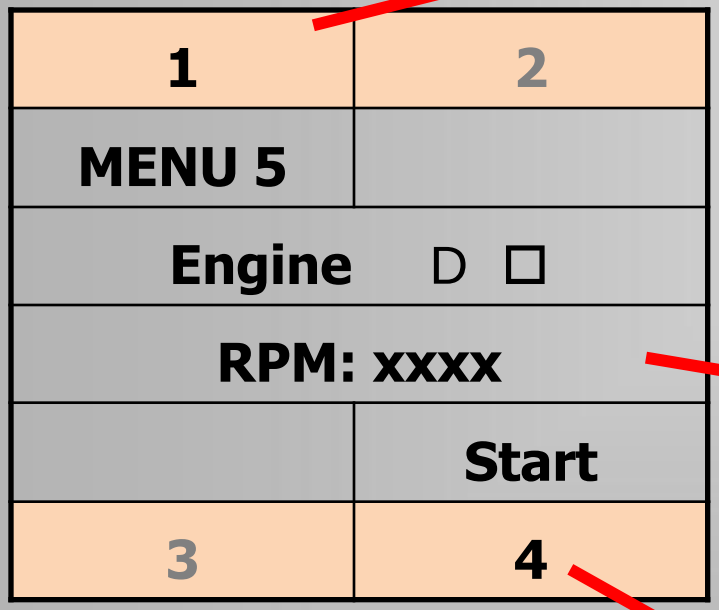
Wrapper model (680, 780 or 780 + ¼)

Align the table

Remote Control

Remote Control

Menu 5



Access the following menu

Engine RPM

Start / Stop engine

Remote Control

Ajustment

To access adjustment mode : press + & - at the same time and release them.

Adjustment 1: Numbers of turn to wrap a bale:

3 or **4:** to change the number of turn
Recommended (16-25)

Adjustment 2: RPM of the rotary table

3 or **4:** to change RPM
Recommended (20-24)

Press 1 : Access the following Adjustment

Remote Control

Ajustment

To access adjustment mode : press **+** & **-** at the same time and release them**.**

Adjustment 3 : Bales wrapped per day,

2: Resset to 0
3 or **4:** Change the number of bale

Adjustment 4: Wrapper model

3 or **4:** Select wrapper model
680-780-780 1/4

Press 1 : Access the following Adjustment

Remote Control

Ajustment

To access adjustment mode : press + & - at the same time and release them.

Adjustment 5 : Activate stretcher sensor

4: Select

Adjustment 6 : Language (french or english)

4: Select

Press 1 : Access the following Adjustment

Remote Control

Ajustment

To access adjustment mode : press + & - at the same time and release them.

Adjustment 7: Contrast of the screen

3 or **4:** Adjust contrast

Adjustment 8: Alignment of the table

3 or **4:** Adjust Angle of Zero position
Then **2**: Validate the alignment

Press 1 : Access the following Adjustment

Guide Rollers

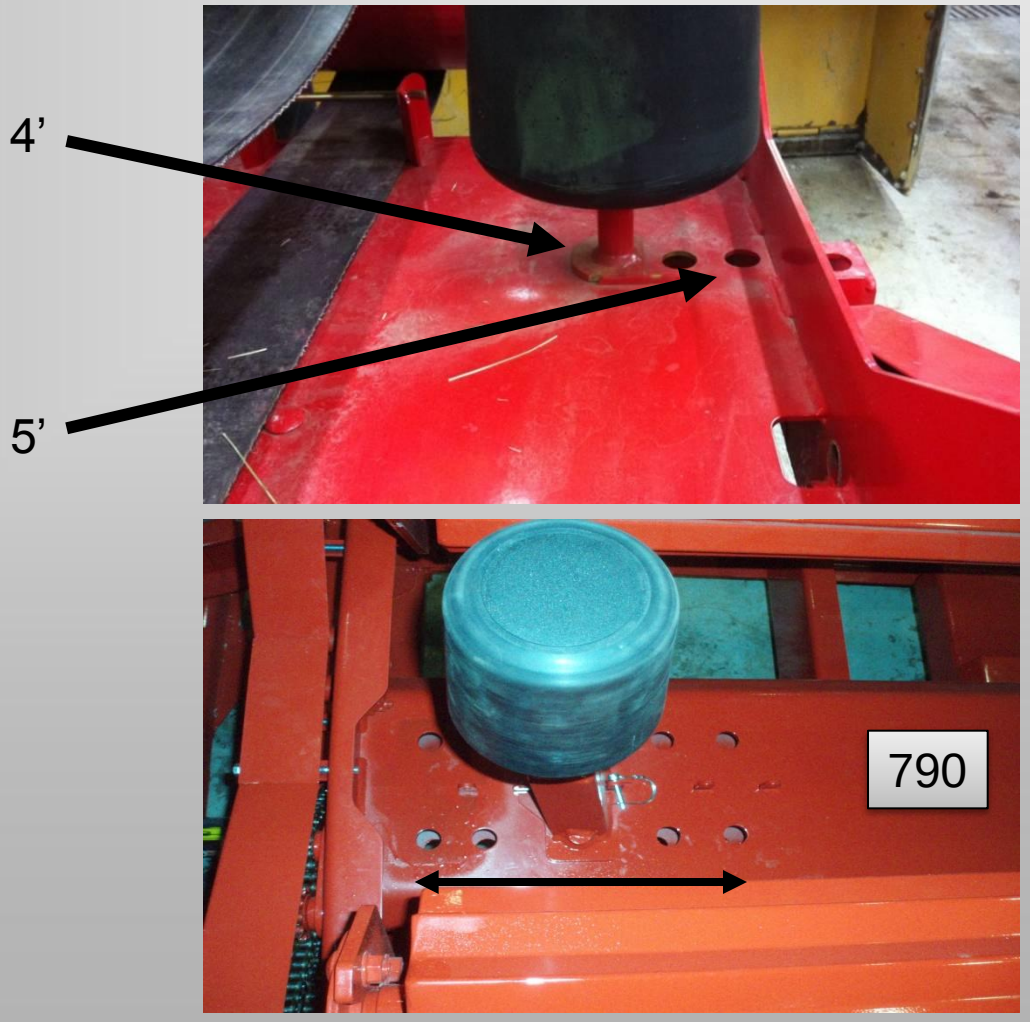
400/ 500/ 600 / 580/ 680 / 780 / 790

Guide rollers

•Guide rollers should be adjusted to fit your bale.

•Must be adjusted in the same position on each side of the table.

• If they are not, when the table turns there will be an unequal force and it may damage the center hub or something else on your wrapper.



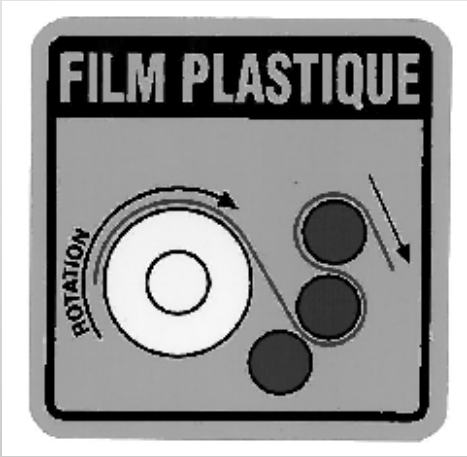
Plastic Film Roll

400/ 500/ 600 / 580/ 680 / 780 / 790

Install Plastic Film Roll

To install you just have to start by pushing the support up with the end of the plastic roll (as you see in the photo) into the holders.

Pass the plastic film through the stretcher as you see in the sticker on the machine. Like the one in the diagram on this page.



Make sure aluminum and rubber rolls are clean and spin without resistance.

Cleaning

Aluminum rolls: WD-40

Rubber roll Hot water and soap

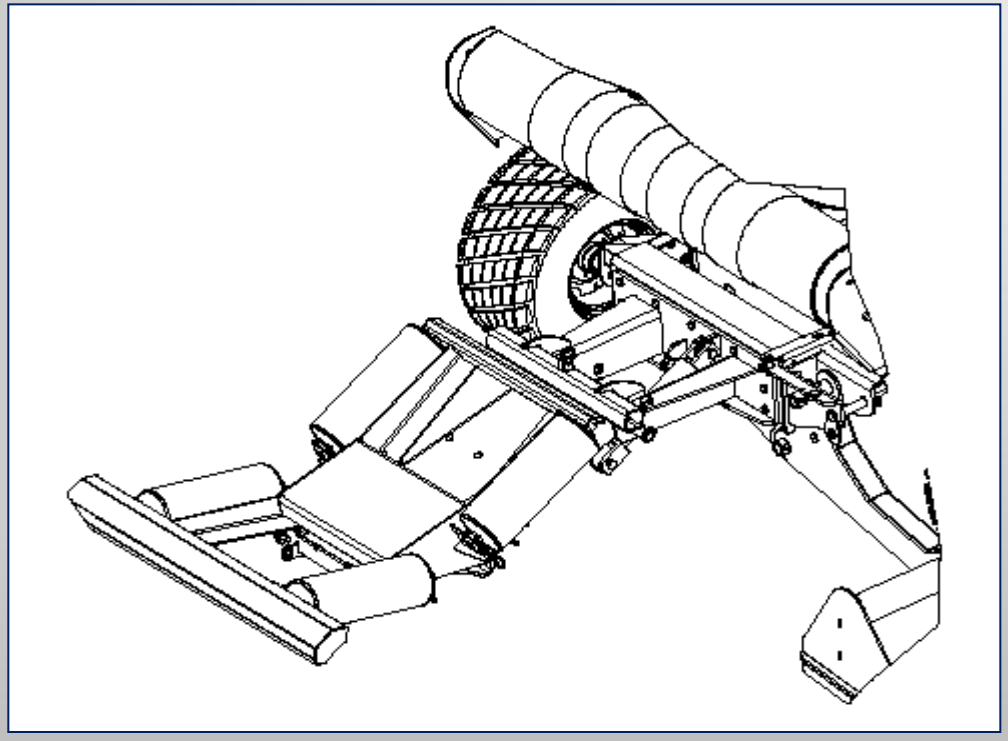
Drop off

Drop off system allow the bale to be dumped gently

The D-3 Option will able the dumper to rotate placing the bale to the left or right of the wrapper on its end .

No setting needed on D Drop off system

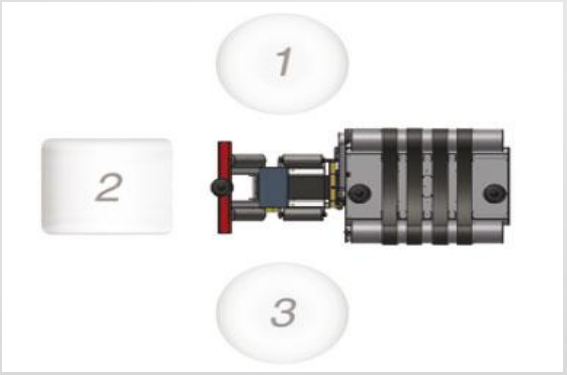
D-3 upgrade kit



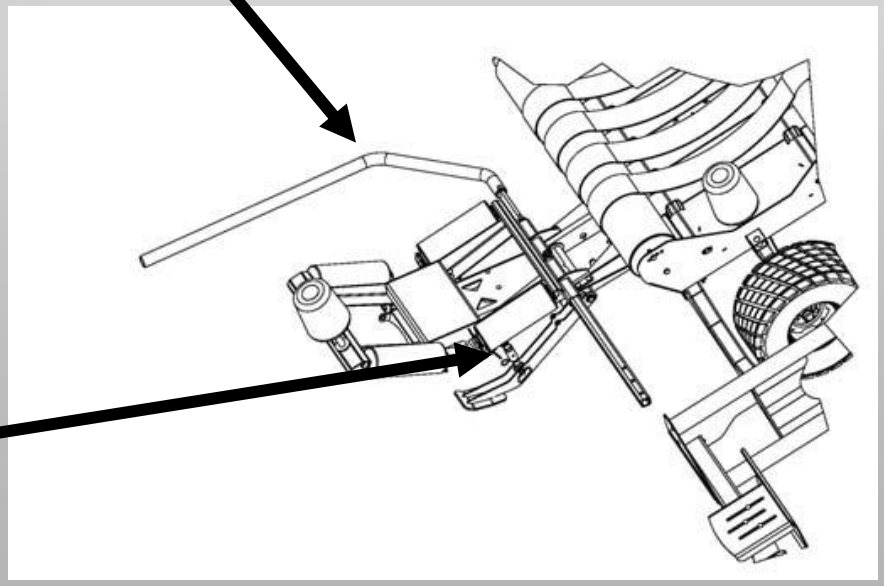
Regular dumping system

Drop off

Drop off: 3D



In field with loading arm only

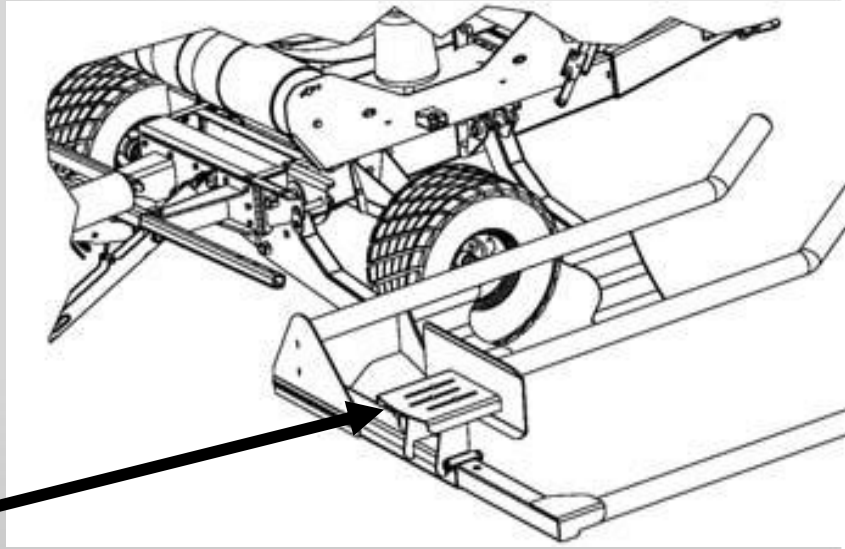


Install the foot and remove the pin to make the drop-off flip on the desired side.

Adjust retaining bar to prevent the bale from flipping over.

Adjust the length of the link to flip the bale correctly

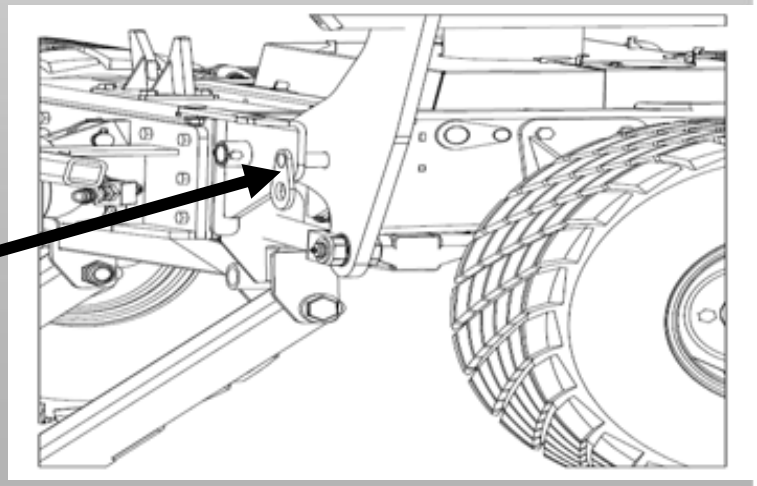
Loading Arm



•Will load bales directly onto the wrapper

•The table must be parallel to the loading arm to load a bale.

•The arm must be dropped halfway so that the table can wrap. A safety valve will prevent collision between the two so you must have the arm at the right position.



•Adjust the **backstop** to place the bale in the right position to dump properly on the table.

•When transporting the unit. The arm must be lifted and locked with the safety **pin.**

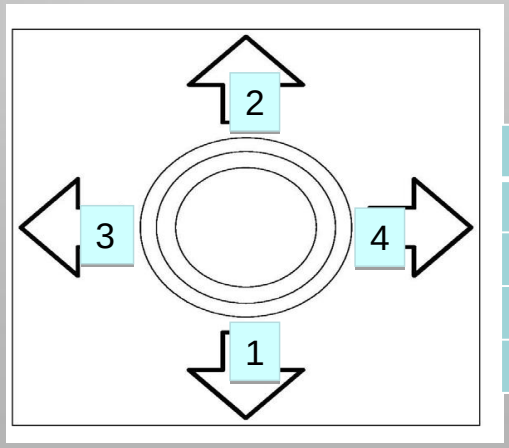
•The loading arm option is only installed at Anderson facility.

Loading Arm

Operated by:

- Lever on 580 with extension to tractor
- Toggle switch on 680
- 2 functions joystick on 790

680



790

Joystick	Component	Function
1	ARM	Lift arm
2	ARM	Drop arm
3	Forearm	Close forearm
4	Forearm	Open forearm

Operation

How many turns to wrap a bale?

nb Layer	Formula
4	A x 2 + 2
6	A x 3 + 2

Safety for slipping or size variation

A= Nb of turns to cover bale

Plastic over lap is 50%

Recommended flow rate is **8 GPM** at **2000 PSI**

Wrapping process

Place the bale on the table.

For the first bale, attach the plastic film to the ties or net.

Start wrapping by pulling the lever.

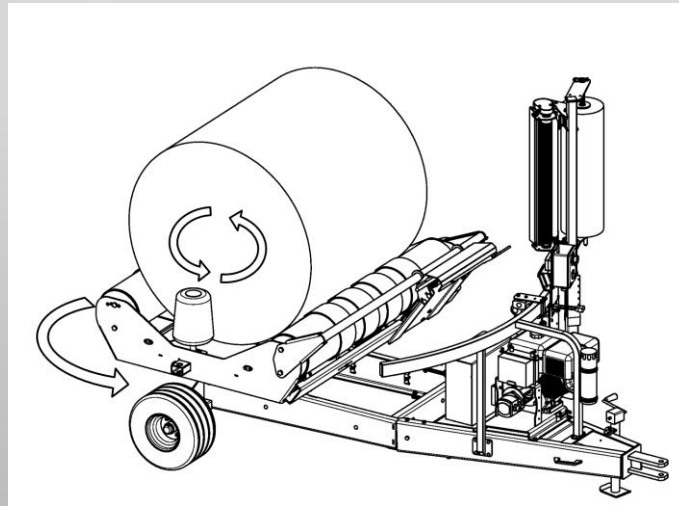
The screen of the bale counter blinks during the last turn then 3 beeps indicates the wrapping is complete

Stop wrapping when the table is properly aligned.

Unload wrapped bale by pulling the lever to dump the table.

Warning !

Wrapper must be hooked to the tractor or equipped with stabiliser



RB 400, operator must cut plastic manually

Wrapping Process

Place the bale on the table.

For the first bale, install the plastic film into the cut and hold by using the lever.

Start wrapping by pressing the blue button on computer or **3** on remote control.

Wrapping cycle will be completed automatically

Warning !

Wrapper must be hook to the tractor or equipped with stabiliser

Adjustments & Trouble Shooting

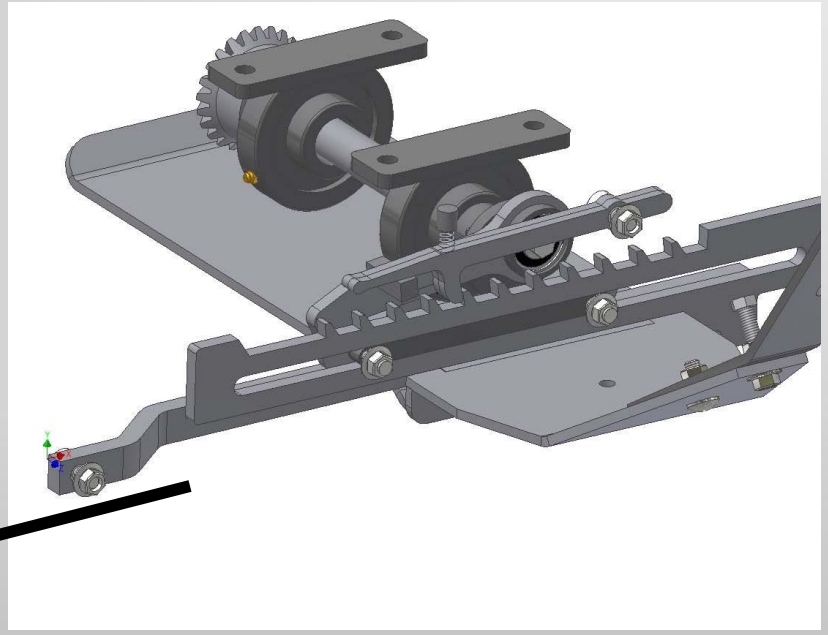
- Mechanical
  - Cut and hold systems
  - Table roller
  - Table Safety pin
  - Stretcher
  - Drop off
  - Engine
- Hydraulic
  - Hydraulic schematic
  - Close center
- Electronic
  - Bale counter
  - Computer

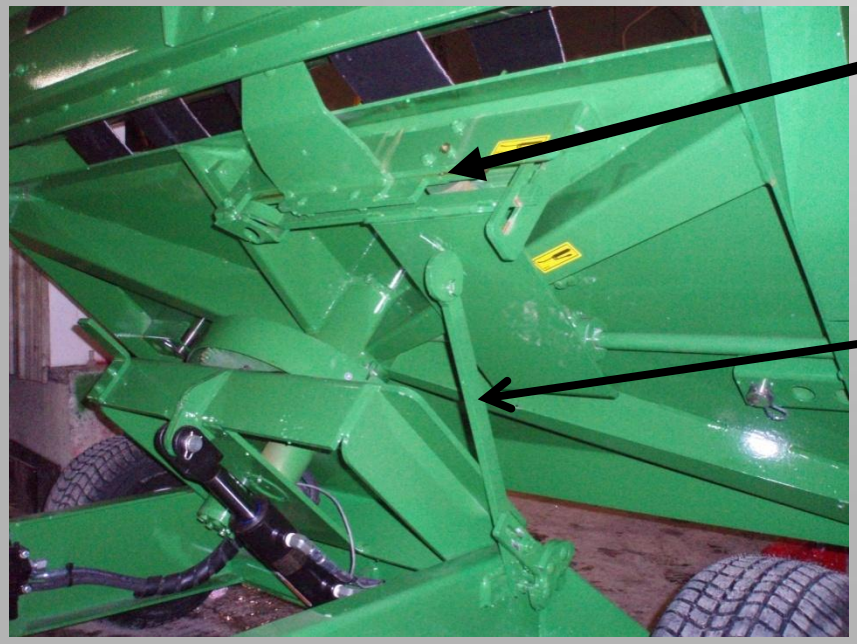
Cut and Hold System (Mechanical)

How it works?

The mechanical cut and hold works on a rack and pinion system that stretches a large spring as the table turns.

The trigger for the release of the system is under the table and it is activated as the table dumps.





Cut and Hold System (Mechanical)

Adjust cutting time

Fine tuning

Basic adjustment

Too Early

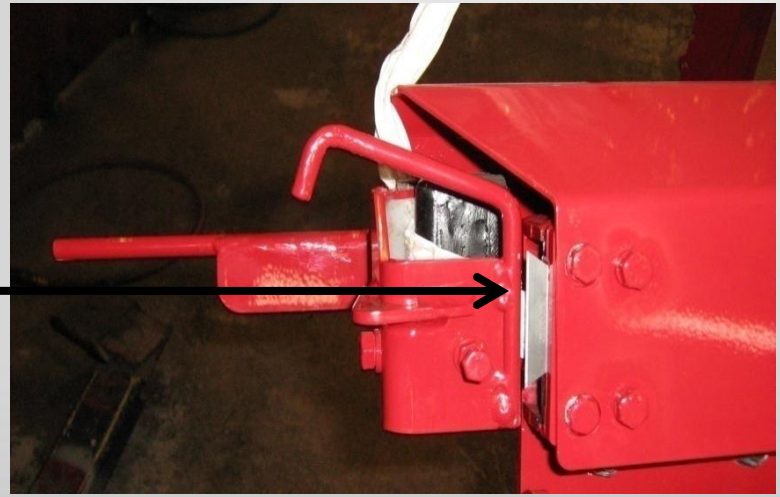
Right on spot

Cut and Hold System (Mechanical)

Other adjustments

Cutting blade

•Needs to be sharp



Spring

•You can adjust the spring of the cut and hold (only if needed) as you see in the photo.

Spring Adjustment

Note: Lubrication is very important for the cut and hold to work properly

Cut and Hold System (Mechanical)

Problem	Possible causes	Solution
The plastic film cutter does not work well.	The plastic film cutter clamp does not hold onto the end of the plastic film.	The rubber stopper moves back too far on its adjustment bolt. Adjust the bolt. The stopper spring needs to be more tense.

Cut and Hold System (Hydraulic)

The hydraulic cut and hold system is very simple to use. It can be used Automatic and Manually. The pressure on the main valve must be between 2000 and 2100lbs. The only adjustment possible is to raise the tension on the rubber bumper and fill the accumulator (on models 780 and 790)

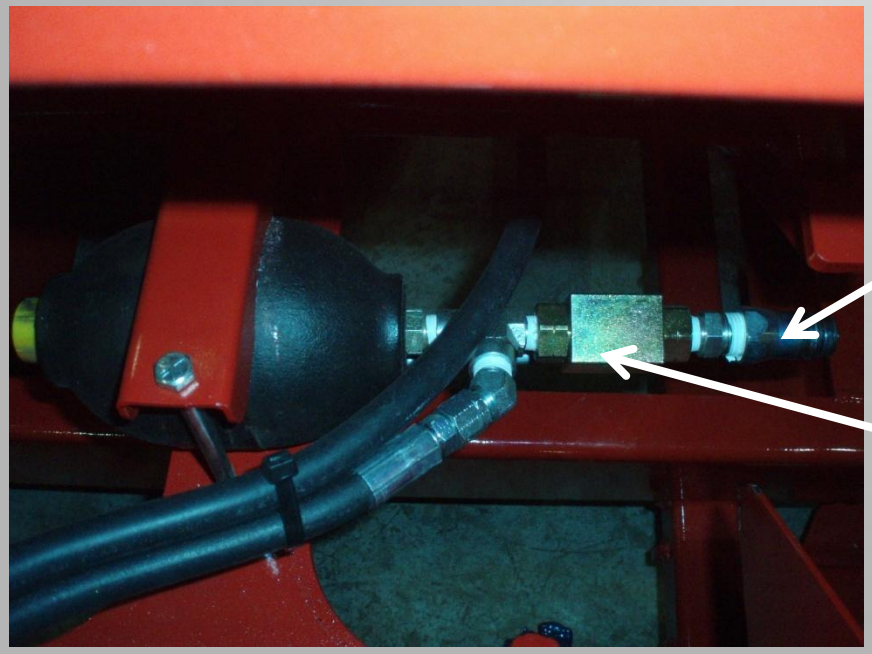
Maintenance

The Hydraulic Cut and Hold is very simple to maintain. You should keep it well lubricated (by following the 4 lubrication points on the shield). And change the blade if it no longer cuts well. Also make sure that there is no debris left in the cut and hold after operation.

Cut and Hold System (Hydraulic)

Filling the accumulator

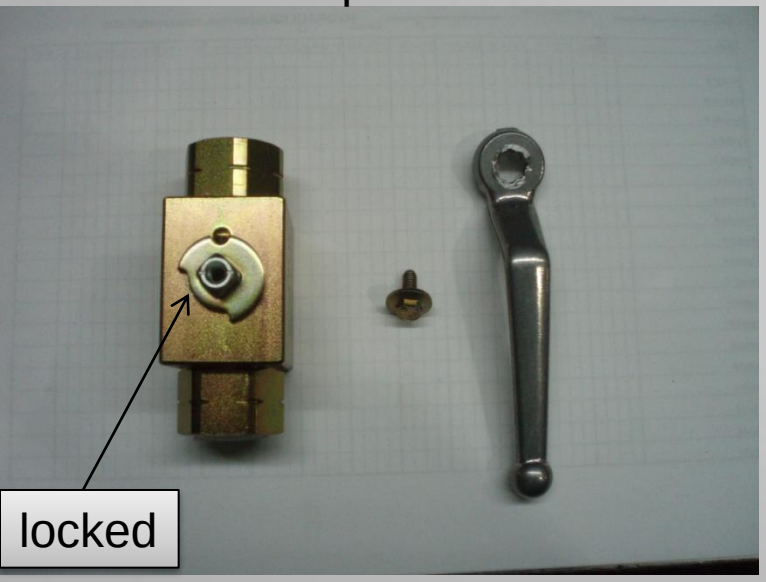
1. At the end of the ball-valve, there is a quick coupler. Install a hydraulic hose from the ball valve to the tractor's rear remote valve with a pressure gage in between the quick coupler on the accumulator and the tractor.
2. Shut off the cut and hold from the main valve with the lever. (See photo #1)

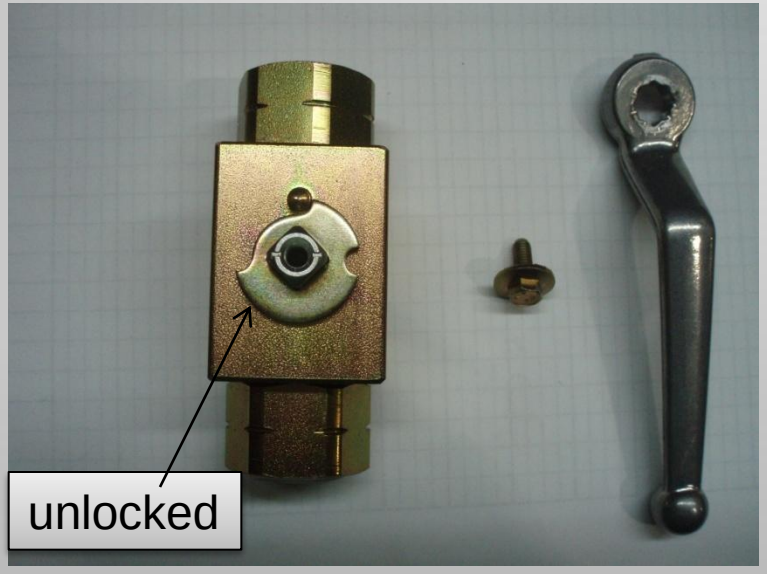


Cut and Hold System (Hydraulic)

Filling the accumulator

2. Unlock the handle of the ball valve. Unscrew the bolt and turn the locking washer to be able to turn the handle (see below photos) Note: leave the ball valve closed with the handle until step 4.





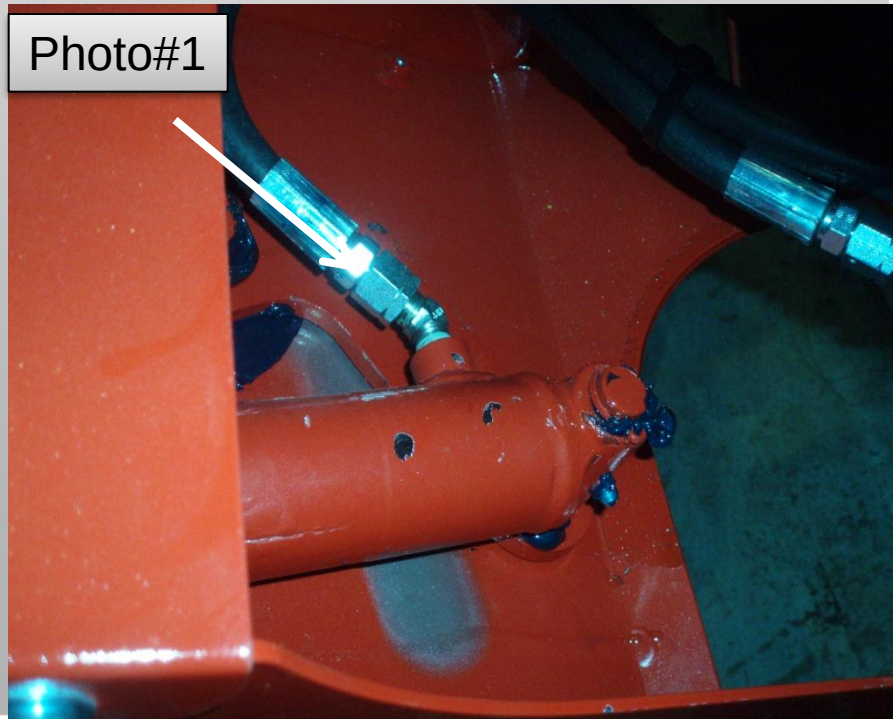
Cut and Hold System (Hydraulic)

Filling the accumulator

3. Unscrew slightly the bottom hose on the cylinder. (see photo #1)

4. Open the ball valve as in the previous page.

5. In the tractor, Push the lever (oil control) **Gradually** until the pressure gage raises to 2000psi (never exceed 2000psi). Then release the lever. The oil will leak from the fitting as in photo #1 with air bubbles and the pressure will drop. When the pressure has dropped below 500lbs you will repeat this procedure 3 more times until there is no more air bubbles in the system. You will then screw back the hose tightly in the photo #1.



Cut and Hold System (Hydraulic)

Filling the accumulator

6. Next you will pull on the ball (as in photo below) and turn it 1/3 turn clockwise (It will stay pulled out). This movement lets the plastic hold to open. You will go back to the tractor and add Oil until you have 450PSI (This will fully open the cut and hold). At this point you will close the ball valve on the accumulator.

Pull and turn 1/3 turn

Filling the accumulator

7. You can now test the cut and hold with the lever on the control panel (close)and the ball on the control panel (open)
8. If it does not open completely you can add another 50psi. If everything works fine you can take off the hose from your tractor and replace the lock on the ball valve.

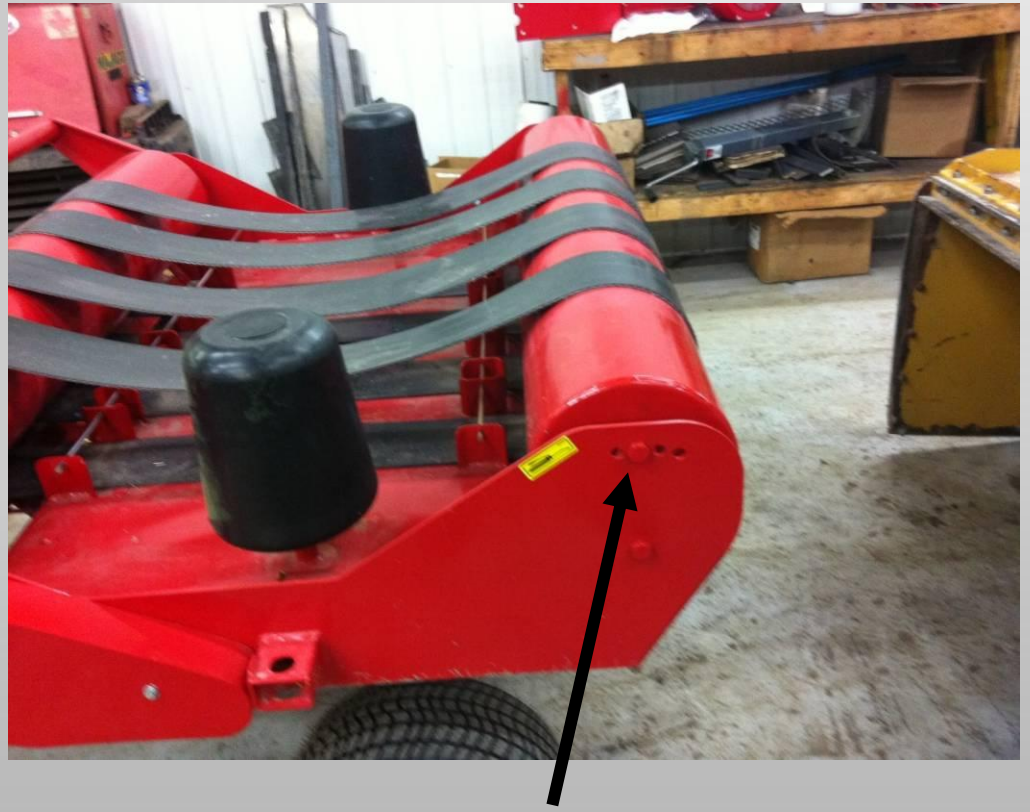
9. You accumulator is now filled.

Cut and Hold System (Hydraulic)

Problem	Possible causes	Solution
6. The plastic film cutter does not work well.	The plastic film cutter clamp does not hold onto the end of the plastic film.	The rubber stopper moves back too far on its adjustment bolt. Adjust the bolt. The stopper spring needs to be more tense.
		Verify the pressure on the main valve
		Be sure that the hydraulic hoses are not damaged.

Table rollers

Needs adjustment if bale slips on the belts



Factory adjust at 2nd hole

Table rollers

37” between tandem shafts

Tandems have to be leveled

- Keep Shock and spring in place no maintenance

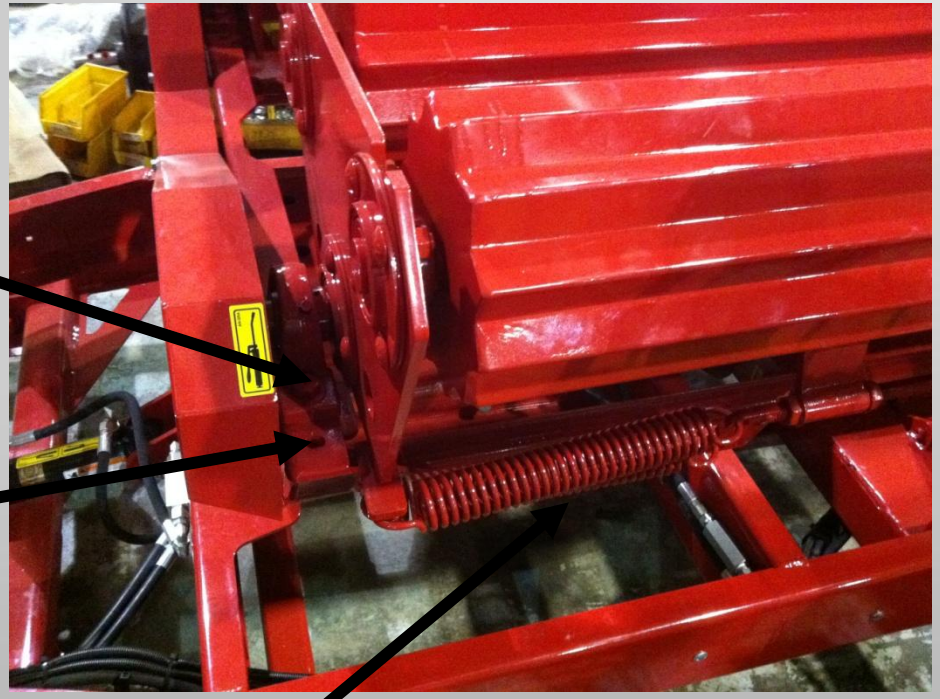
Table rollers

Factory setting

3x3

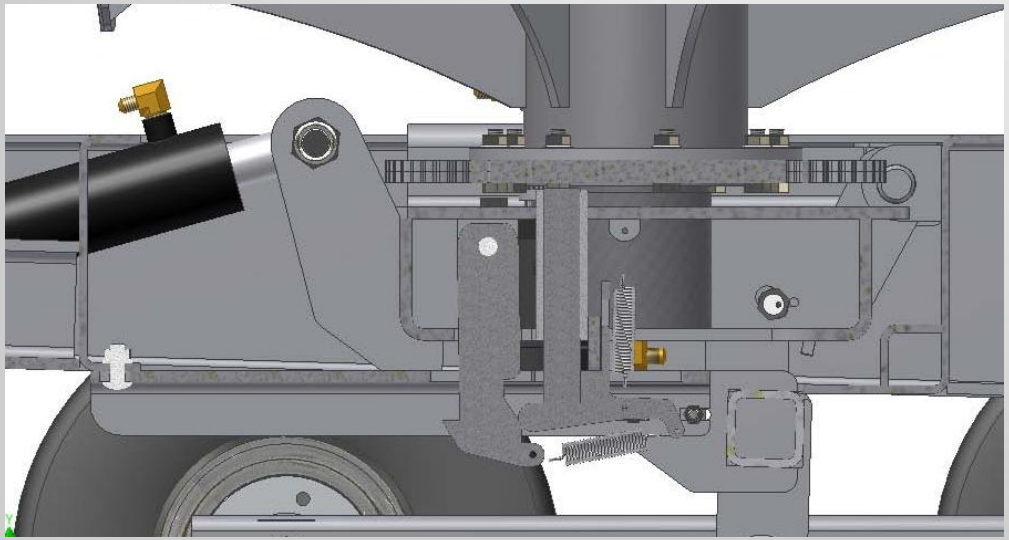
4x4

under testing 3x4



Spring have to be adjusted to bring back tandem to leveled position.

Table Safety pin



The pin works as a lock when dumping the table. When in the dumping position and are not aligned correctly you will not be able to dump.

- Must be adjusted flush with bushing
- Lubrication is critical
  - Table doesn't dump
  - Pin gets stuck in the gear

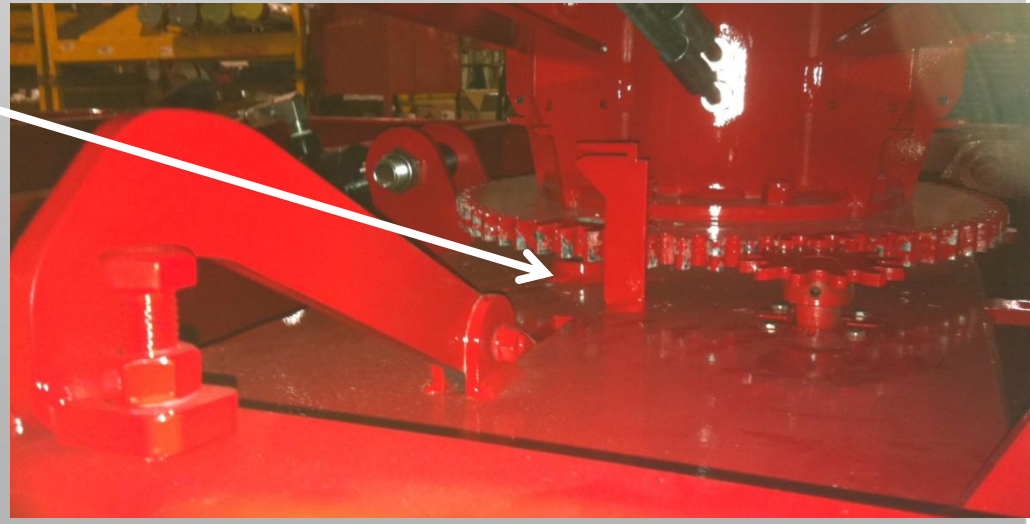
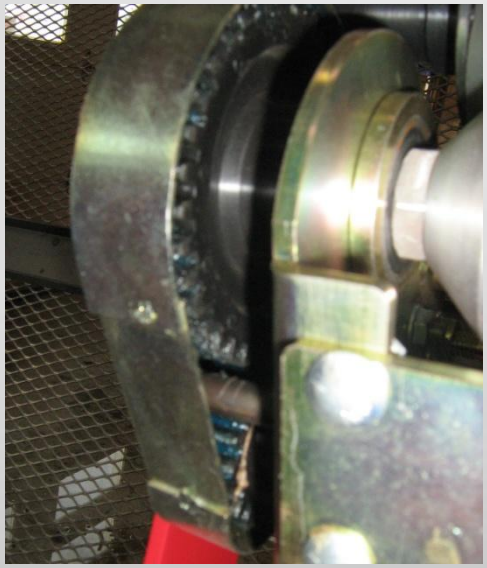


Table Safety pin

Remove it when bended

- Pass a chain through the cross member and the locking pin.
- With the lever handle (on the main valve), raise up the table until the pin comes out.

Stretcher



The Anderson stretcher works with gears that give the correct tension on the plastic. These gears can be replaced if needed and also a different set of gears can be added if you are using the double plastic roll application.

Brake on holder

There is a teflon break at the bottom of the roll holder. This is used so that the plastic does not unroll itself, as the speed of the wrapper changes often during wrapping.

Stretcher

Stretcher position

Need to be adjusted when the plastic film is rubbing on the cut and hold system when wrapping

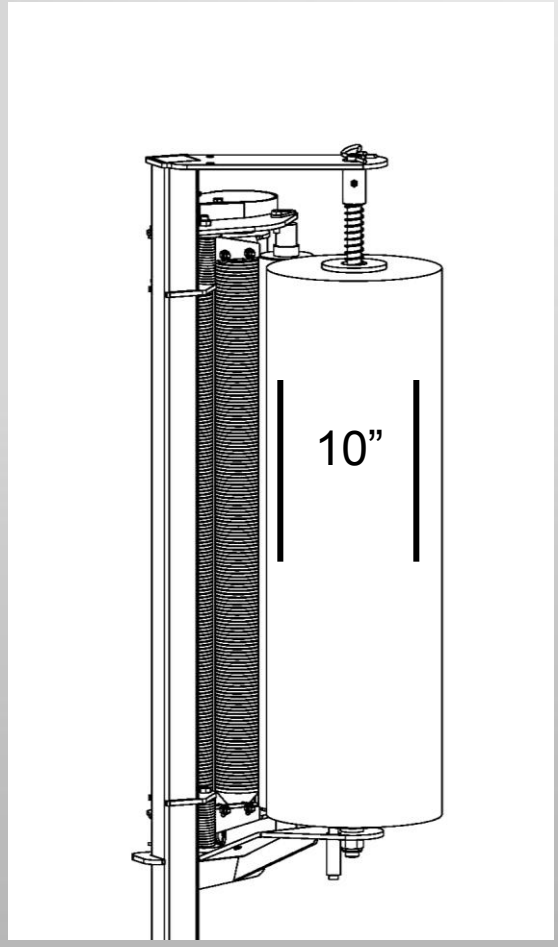
Factory adjusted in the middle position

Stretcher

Stretcher test

Draw 2 line 10 inch apart on the roll

After stretching, there must be 15,5 to 16,5 between them



Make sure aluminum and rubber rolls are clean and spin without resistance.

Cleaning

Aluminum rolls: WD-40

Rubber roll Hot water and soap

Stretcher

Adjustments & Trouble Shooting

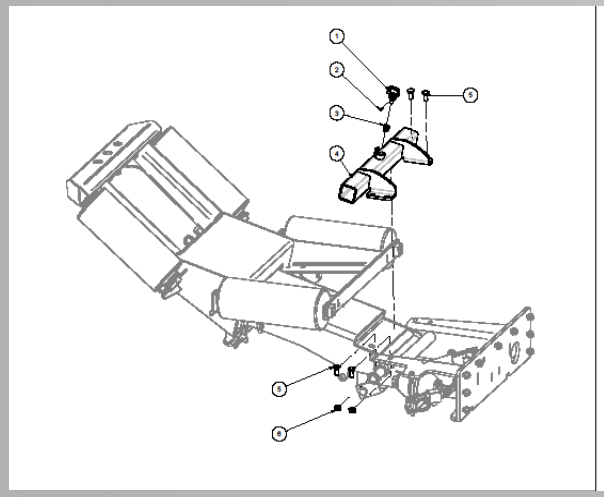
400 /500 /600 /580 /680 /780 /790

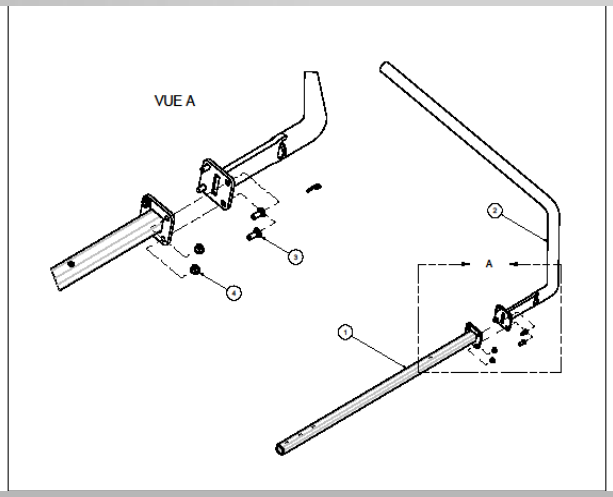
Problem	Possible causes	Solution
The plastic film wrapping is unsatisfactory.	The plastic film breaks, develops holes, or tears during wrapping.	Check the quality of the roll before it goes on the wrapper
		Check to see if there is hay or other debris blocking the plastic film stretcher. Remove any objects and check to see if the aluminum rollers are turning freely.
		The film is too soft because it has been in the sun too long before use. Try to install a roll that is cooler.
	The plastic film is not tight enough on the bale.	Check to make sure that the plastic roll is properly installed.
		Check if the parts of the plastic film stretcher are in good condition and turn freely.

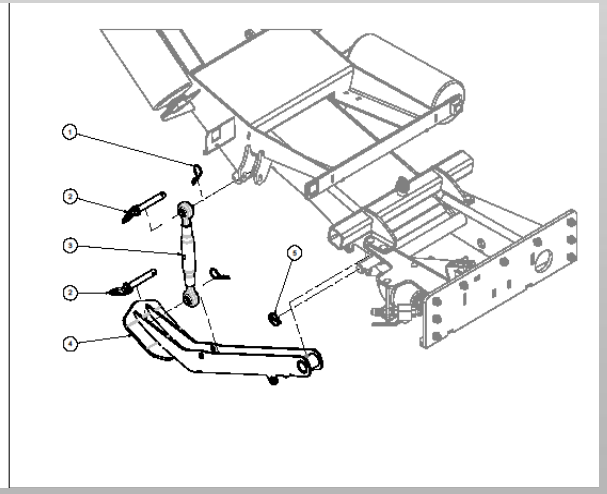
Drop off

Installation

Kit to upgrade D drop off to 3D





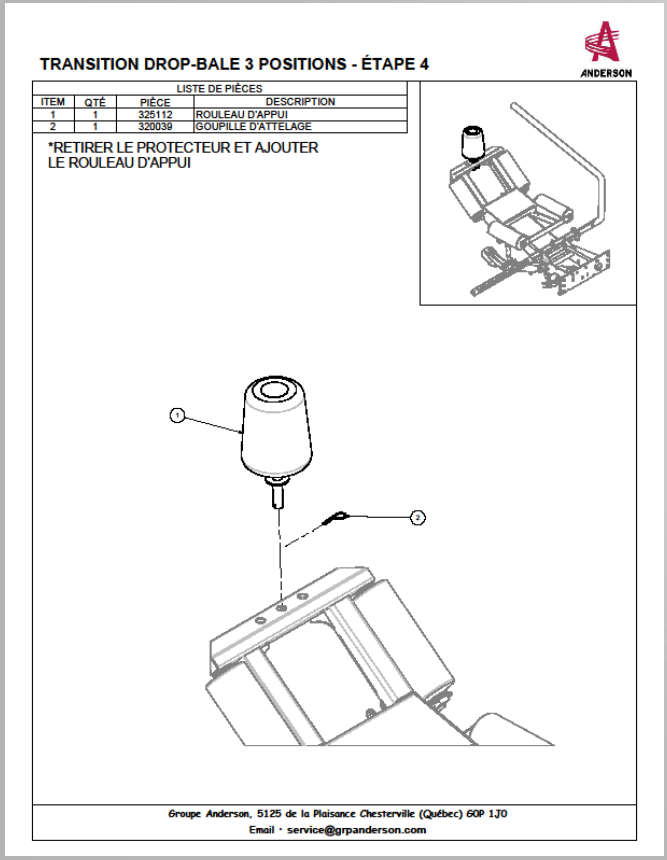


1 **2** **3**

Sand the shaft first.

Drop off

Installation



TRANSITION DROP-BALE 3 POSITIONS - ÉTAPE 4

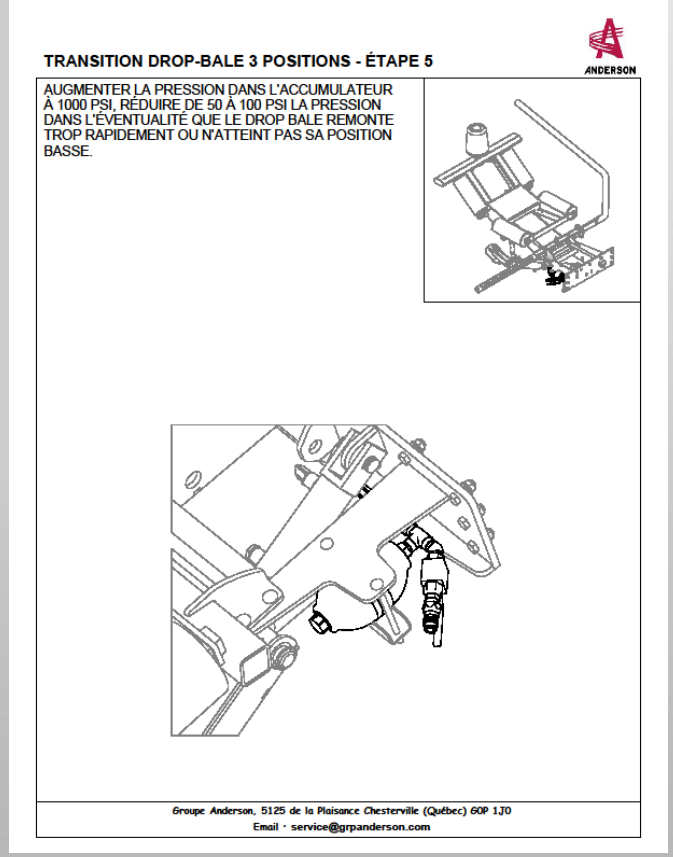
ANDERSON

LISTE DE PIÈCES

ITEM	QTÉ	PIÈCE	DESCRIPTION
1	1	325112	ROULEAU D'APPUI
2	1	320039	GOUPILLE D'ATTELAGE

*RETIRER LE PROTECTEUR ET AJOUTER LE ROULEAU D'APPUI

Groupe Anderson, 5125 de la Plaisance Chesterville (Québec) G0P 1J0
Email · service@grpanderson.com



TRANSITION DROP-BALE 3 POSITIONS - ÉTAPE 5

ANDERSON

AUGMENTER LA PRESSION DANS L'ACCUMULATEUR À 1000 PSI, RÉDUIRE DE 50 À 100 PSI LA PRESSION DANS L'ÉVENTUALITÉ QUE LE DROP BALE REMONTE TROP RAPIDEMENT OU N'ATTEINT PAS SA POSITION BASSE.

Groupe Anderson, 5125 de la Plaisance Chesterville (Québec) G0P 1J0
Email · service@grpanderson.com

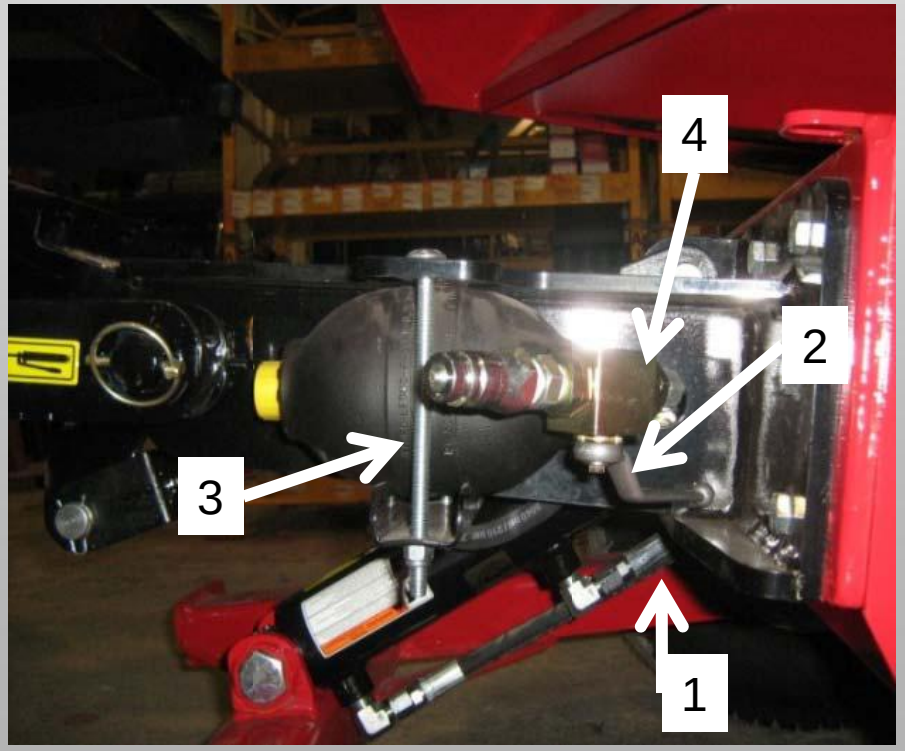
4

Remove the deflector at the end of the dumper to reveal the placement holes

Drop off

Charging the accumulator

1. Remove the handle (1)
2. Turn the lock washer (2) to enable the handle to turn and open the ball valve (4).
3. Replace the handle (1).
4. Connect a hydraulic pump at the male quick connect (3).
5. Open the ball vale (4). The unloading platform will go down.
6. Put hydraulic oil to achieve a pressure of 1000 lbs. Press on the unloading platform
7. for to verify if it goes back to its position and adjust the pressure as required.
8. Close the ball valve (4)
9. Remove the handle (1)
10. Turn the lock washer (2) that locks the handle
11. Replace the handle (1)



Drop off

Problem	Possible causes	Solution
The bale keeps rolling when dumped	The ski is not adjusted properly and there is too much play	The adjustment on the ski must be set so that there is just enough time for the bale to flip
		Check to see if there is hay or other debris blocking the plastic film stretcher. Remove any objects and check to see if the aluminum rollers are turning freely.
		The film is too soft because it has been in the sun too long before use. Try to install a roll that is cooler.
	The plastic film is not tight enough on the bale.	Check to make sure that the plastic roll is properly installed.
		Check if the parts of the plastic film stretcher are in good condition and turn freely.

Unload top RPM: 3900

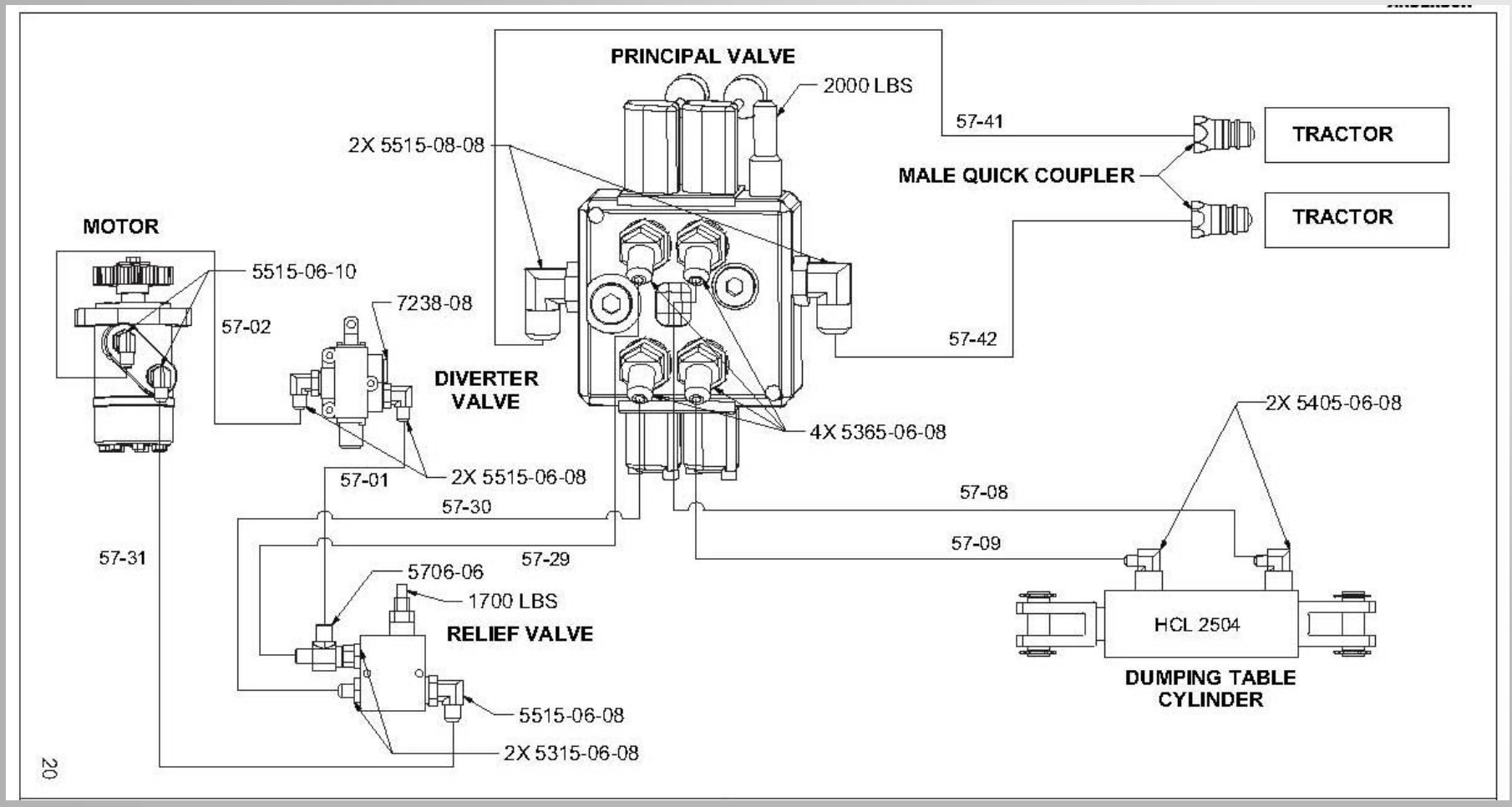
Recommended RPM: no less 3600 RPM

Gas line must be turned off during transport

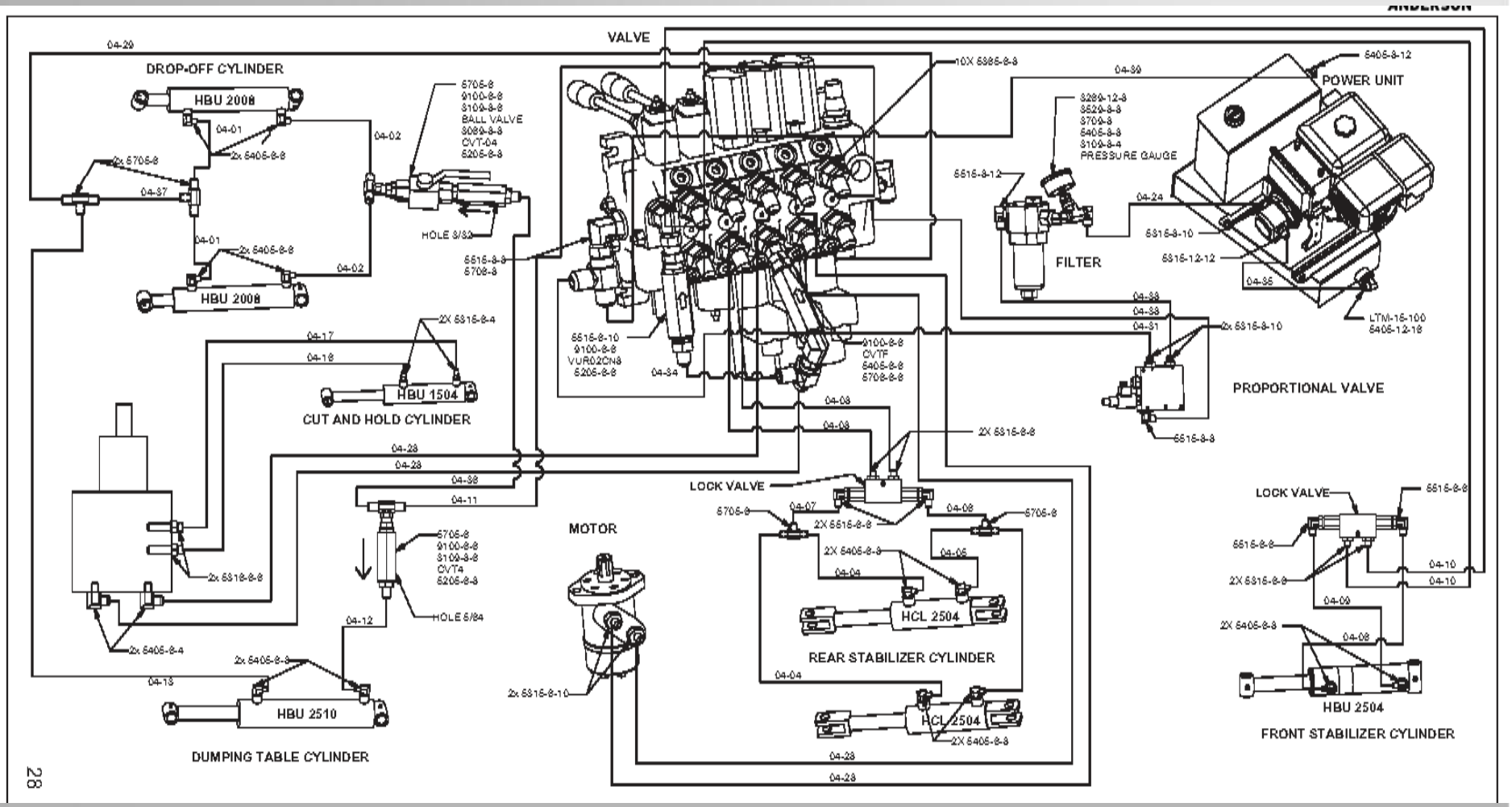
When starting the motor for the first time of the day / year the choke must be used.

Problem	Possible causes	Solution
1. The engine of the hydraulic unit does not start.	The fuel valve is closed	Open the fuel valve and start again
	The gas tank is empty	Fill tank and start again
	The low engine oil sensor is activated	Add oil to the Honda Engine
	The spark plug is clogged or defective	Clean the spark plug or change it
	The engine is flooded because the fuel valve was not closed the previous day or during transport	Remove the spark plug, dry it out, dry out the cylinder by activating the starter crank and try again
	The fuse in the Honda switch key box is burned out	Replace the fuse.

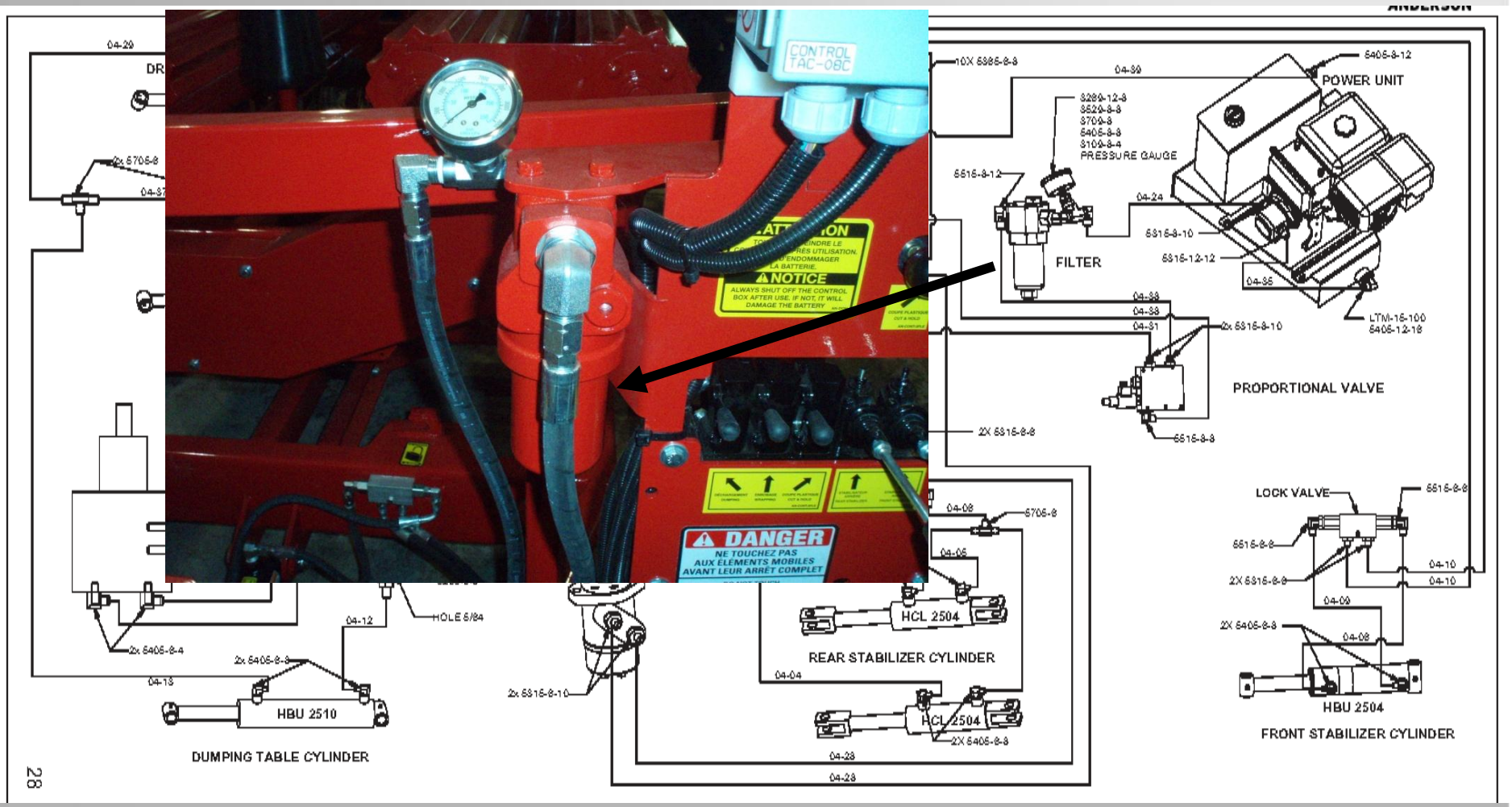
Hydraulic Schematic



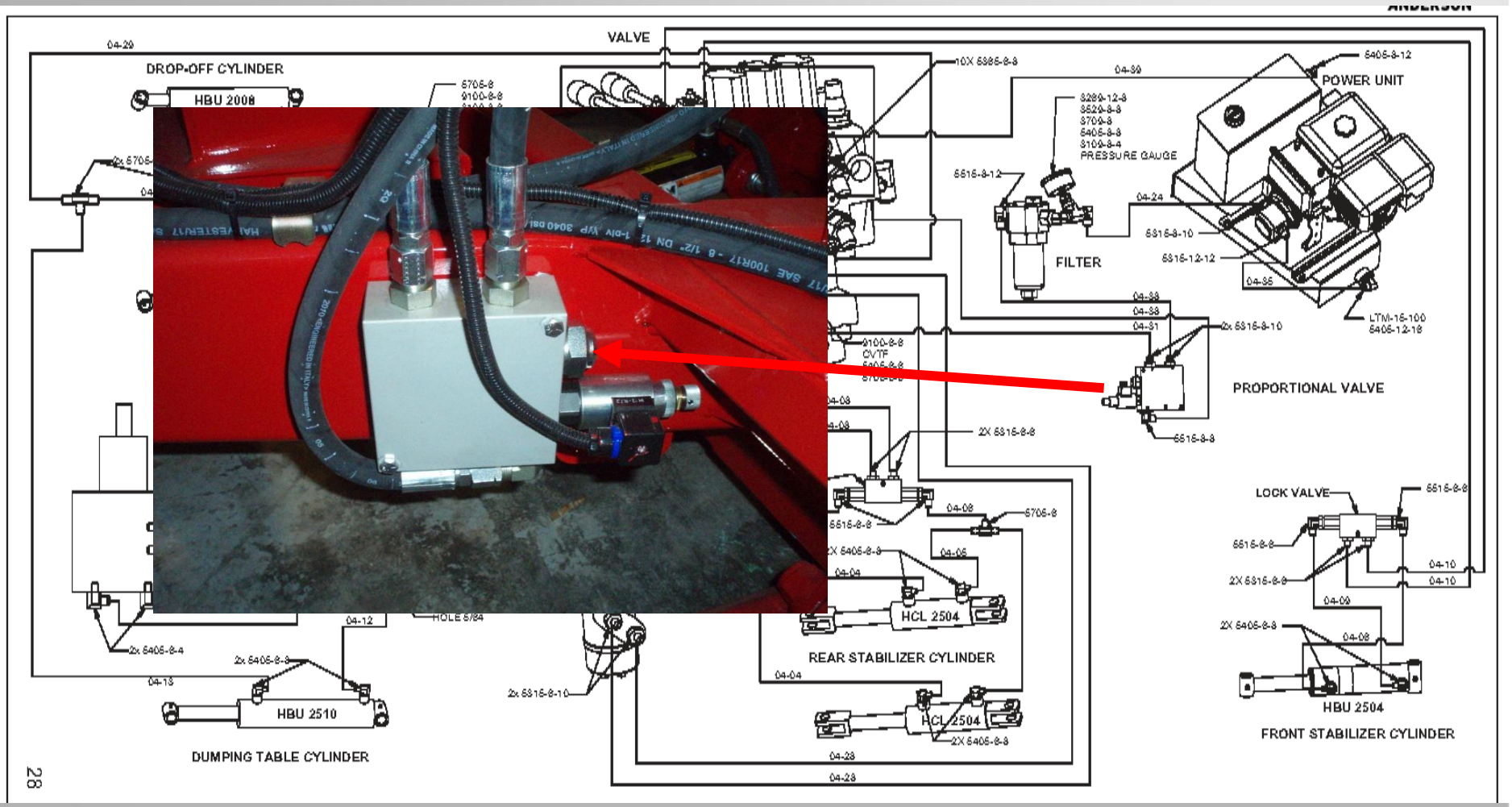
Hydraulic schematic



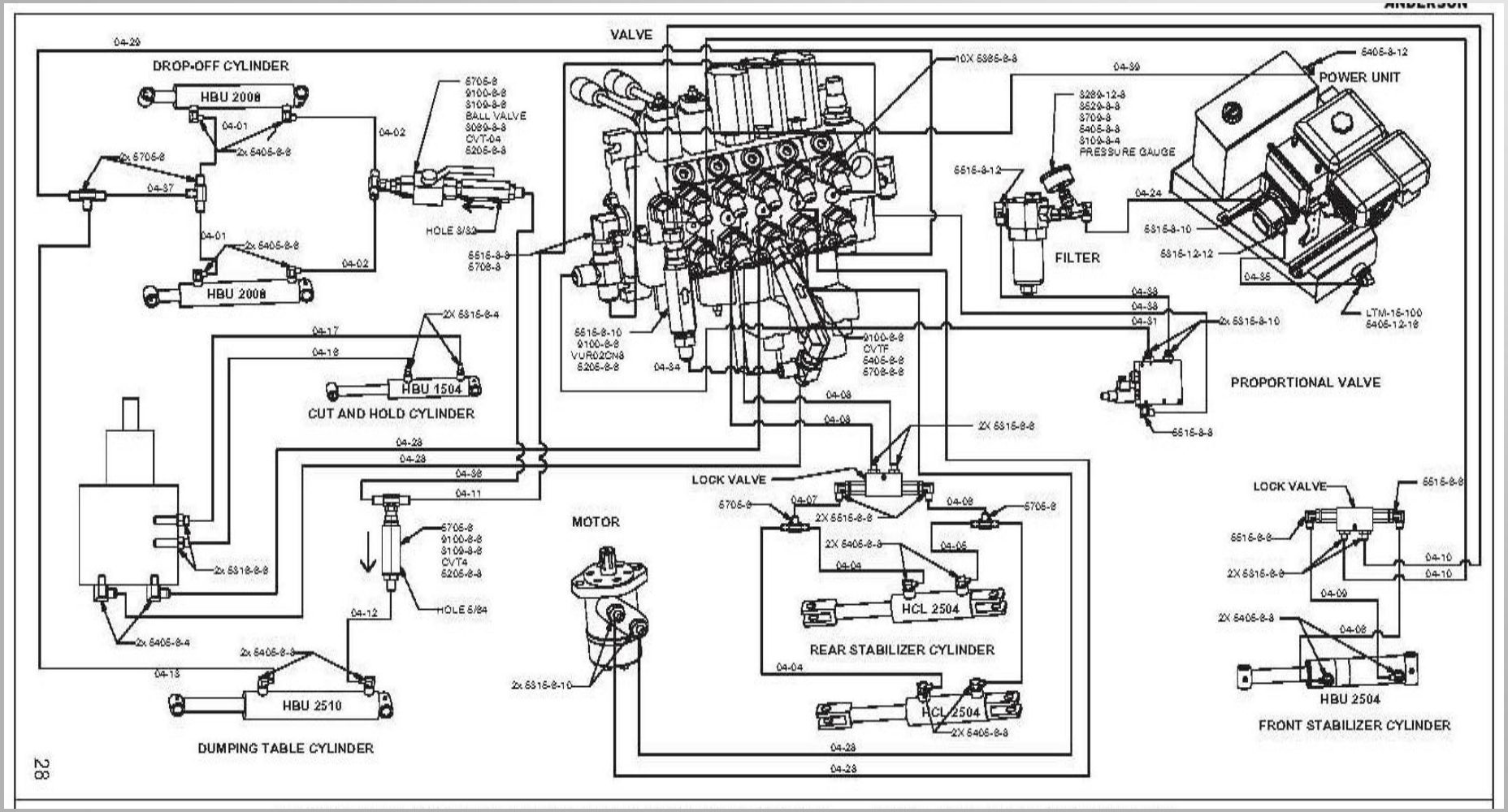
Hydraulic schematic



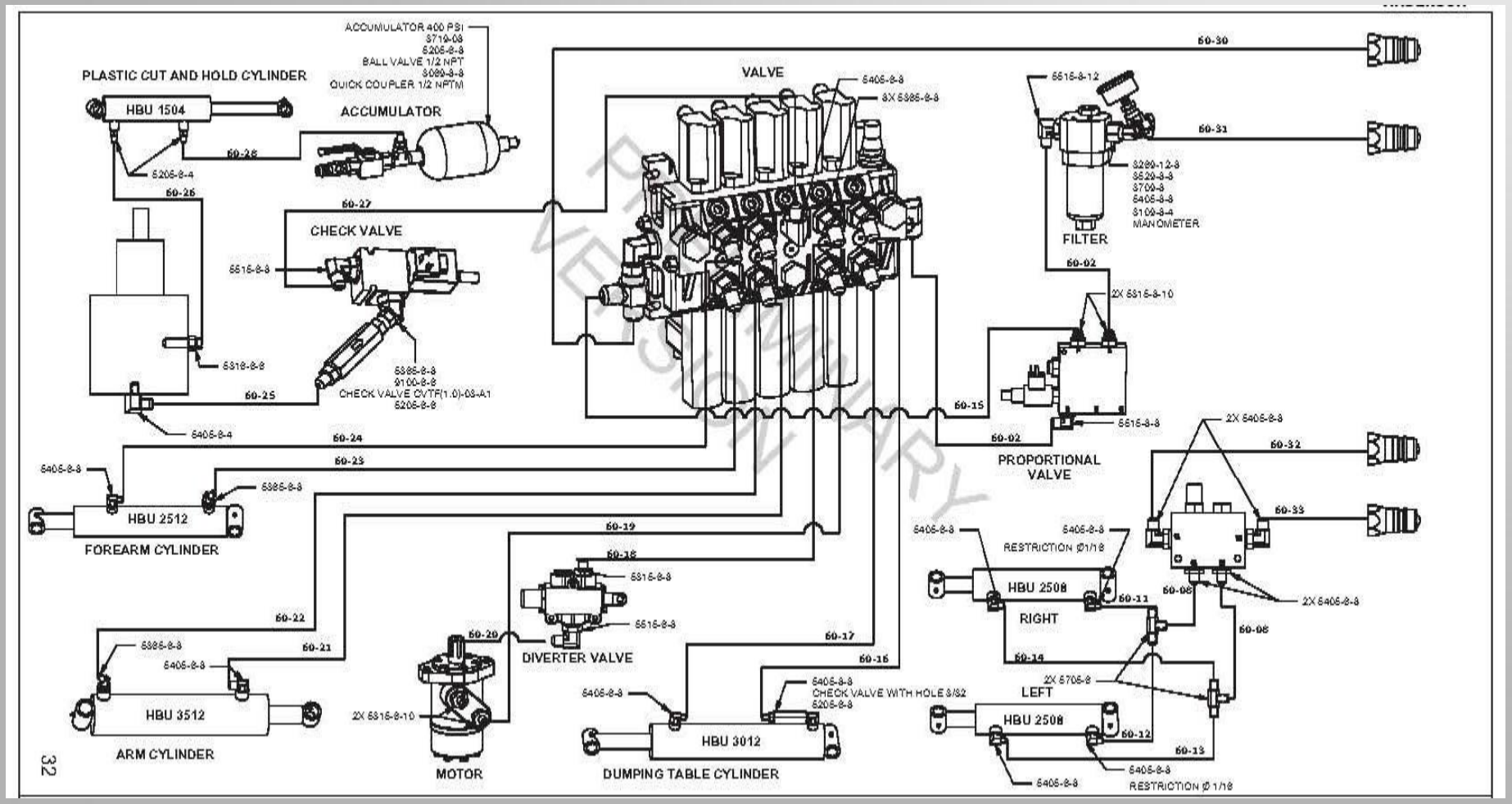
Hydraulic schematic



Hydraulic schematic



Hydraulic schematic



Close Center

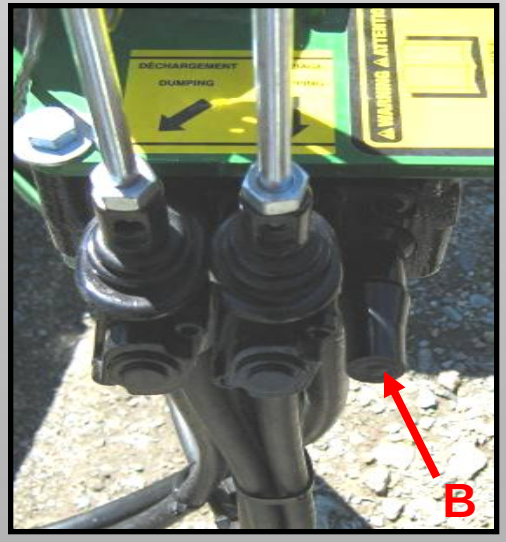
1- Unscrew the hose and the hydraulic fitting from the out port of the valve (A).

2- Install plug (¼ npt) in the hole.

3- Put back the hose and the hydraulic fitting unscrewed on step (1).

4- Remove the plastic cap of the main relief valve.

5- Screw clockwise 1 ½ turn and put back the plastic cap (B). Pressure should be **2500 psi.**

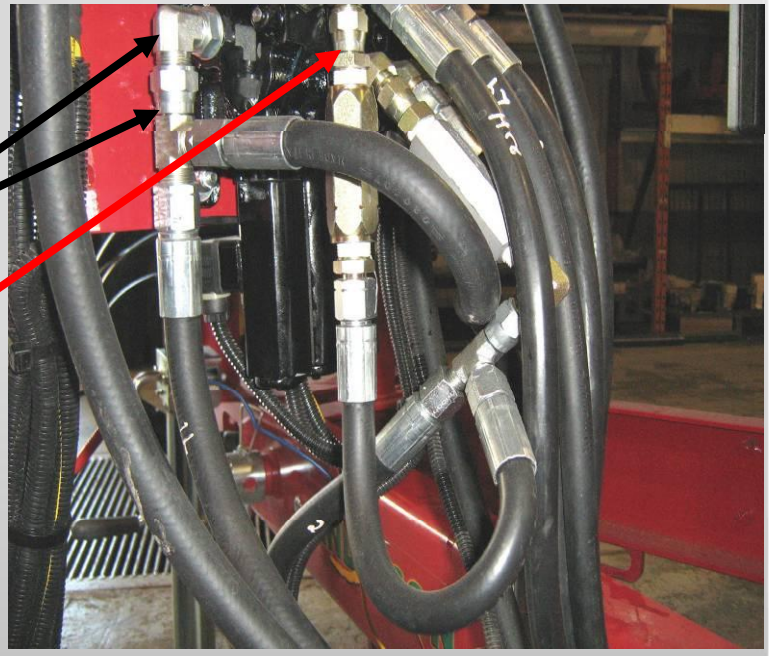


Close Center

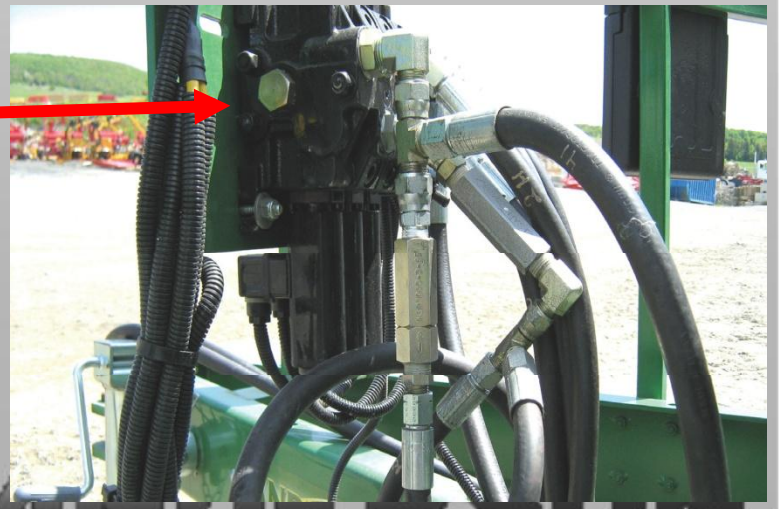
(1) Unscrew those 2 hoses

(2) Remove those fittings from the valve

(3) Remove this hose and all the fittings from the "T" up to the main valve

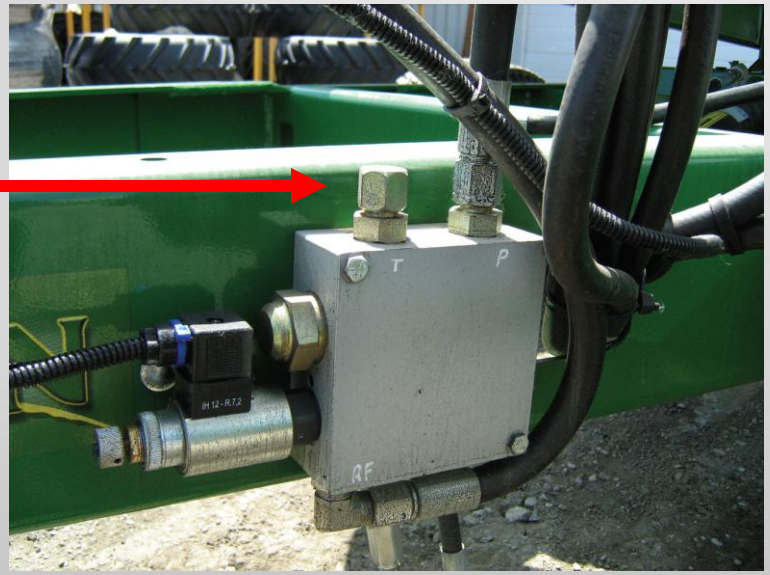


(4) Install plug here (provided)

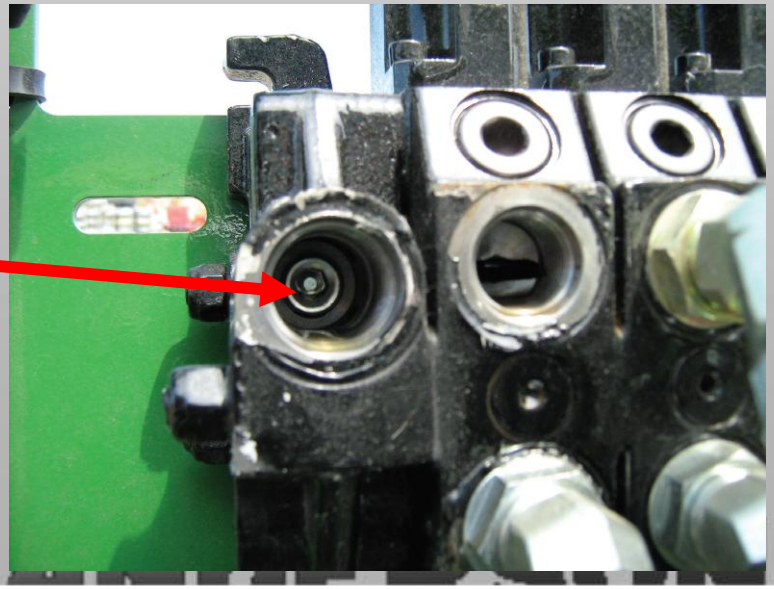


Close Center

(5) Remove completely the hose and replace by a plug (provided)

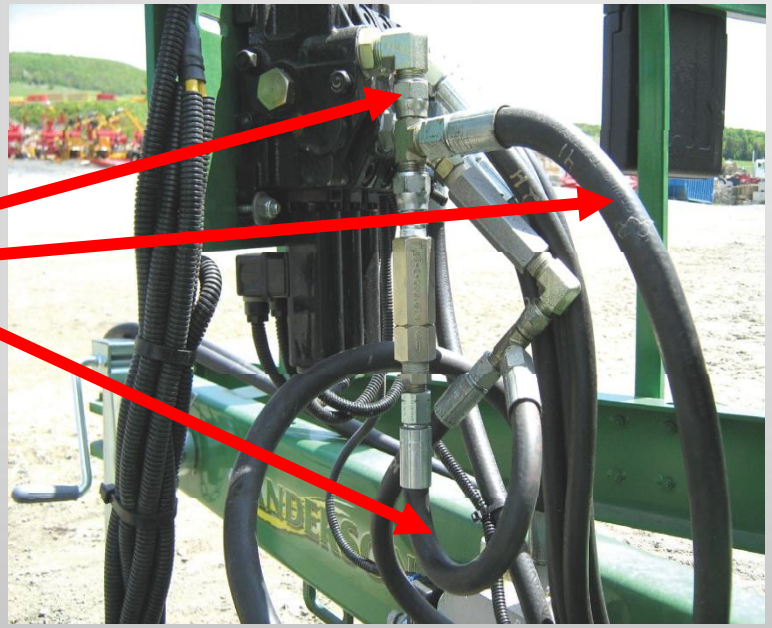


(6) Install plug ¼" NPT in this hole

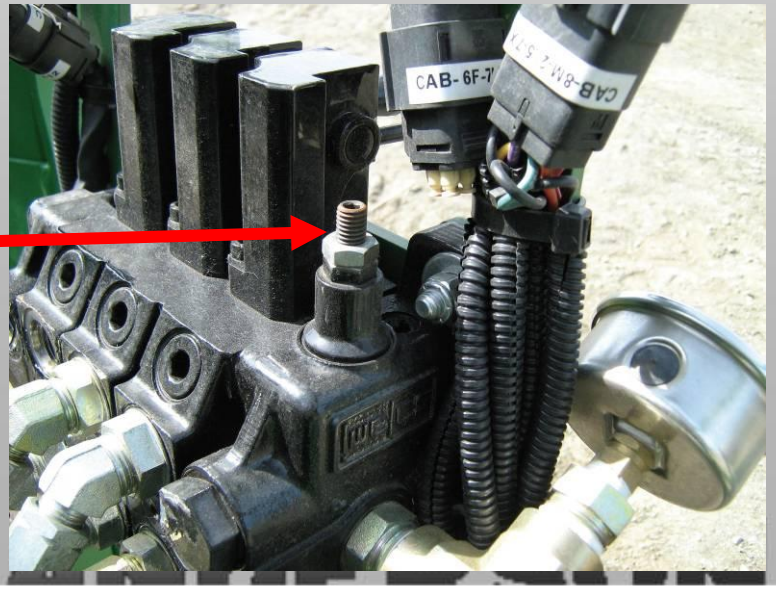


Close Center

(7) Install like the picture the hose provided by ANDERSON and plug the last hose



(8) Remove the plastic cap and Screw the main relief allen screw clockwise 1 ½ turn. **(2500 psi)**



Bale counter IG-C3

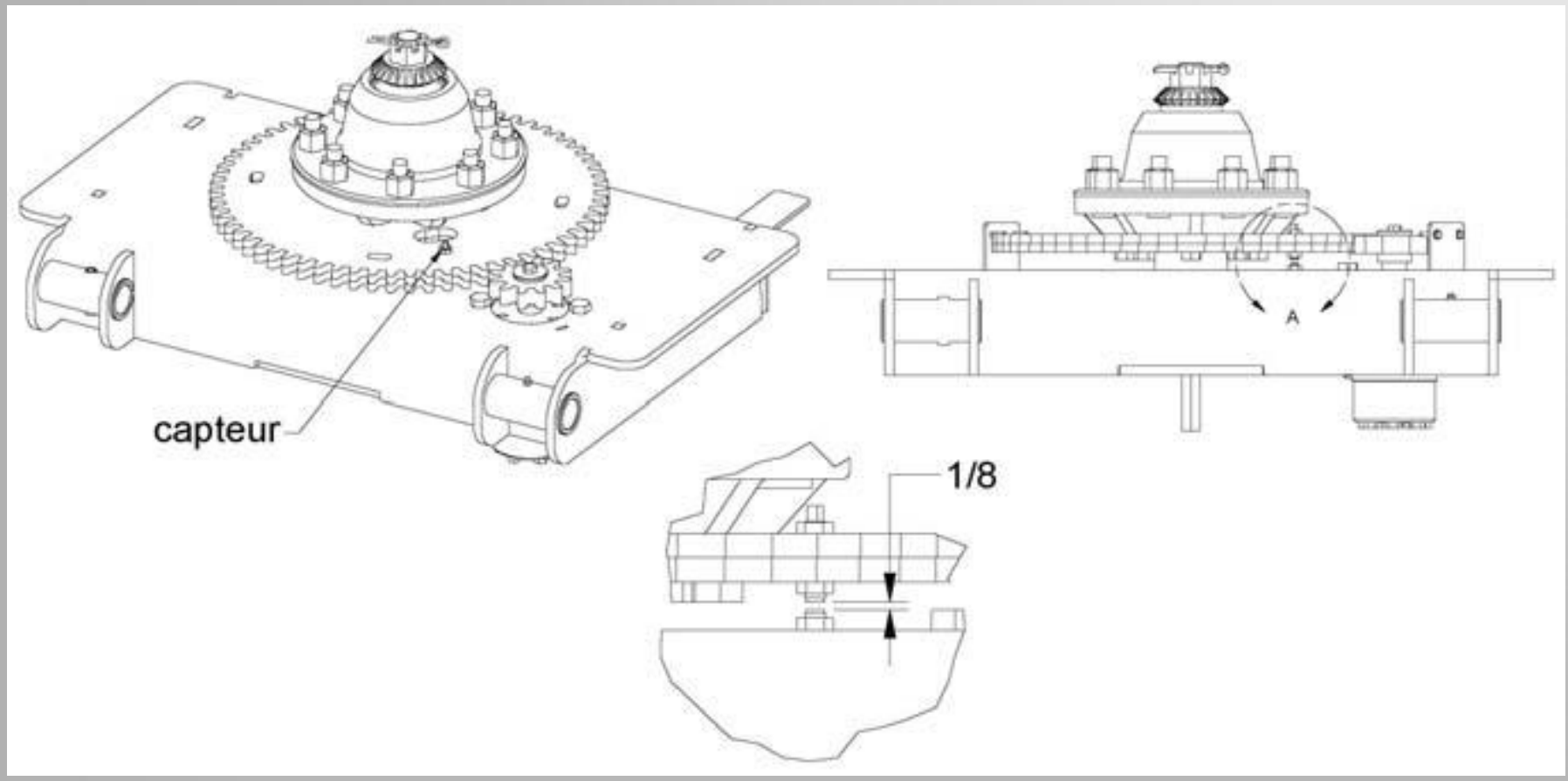
If the rotations no longer show on the counter

1. Check the electrical wire between the counter and the sensor.

2. Verify the sensor that is situated at the end of the wire and the magnet that is placed on the large sprocket. If one of the two are defective you will have to change them. The distance required for proper functioning of the sensor is 18'' between the sensor and the magnet. (See the next page for location of this sensor)

3. It is possible that the counter is not working properly as well. To test the conter you will take a screw driver and touch the two pins of the connection (as in the photo on this page. Each time that they touch the number of turns should increase. It is possible that the battery could cause this problem. Always be sure to have **12V** on your battery at all times.

Bale Counter IG-C3



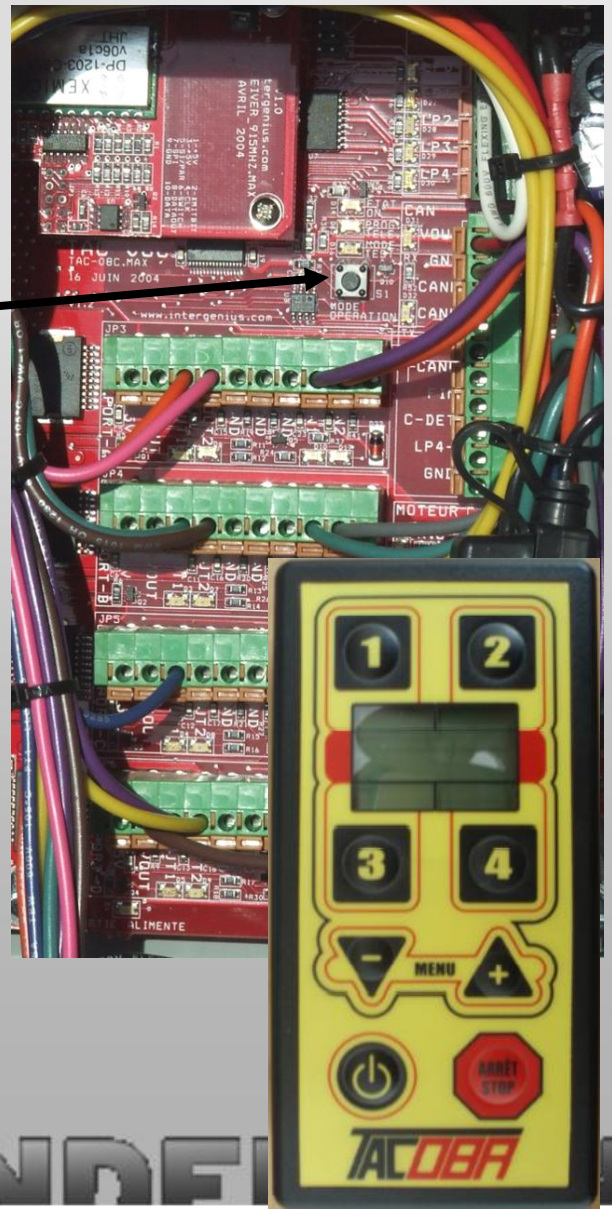
Computer TAC-o8C

Association of Remote Control

1- Open the computer' door
2- Turn ON (Emergency stop button)
3- Turn ON the remote control
4- Press **once** the Little black button inside computer
(1 time = remote association)
5- On remote control press **2** (ASS)
Wait 4 seconds
6-Press **4** (ASS. COMPLETE)
Computer and remote control are now associated

Repeat if needed

If it doesn't work, reset the computer



Computer TAC-o8C

Error code

[Out of range]
Search during start-up failed.
Receiver is turned off.
Receiver is too far away.
Remote control is not associated.

[TAC-08 / RF Error]
Technical problem with the remote control.
Must be returned to Anderson for replacement.

[Version / incompatible]
Different programming between receiver and remote control. Program must be updated.

[Hydraulic problem, lack of fuel, or loading arm too high! / Hydraul. Fuel]
Three causes of the malfunction of the table, the wrapper, or the engine. Check.

Computer TAC-o8C

Error code

[Problem with plastic film, ripped or empty! / plastic]
Plastic roll empty.
Plastic film broken
Sensor need adjustment (1/8” distance)

[Rotation sensor error / Rotation]
Malfunction of the encoder. Check, wiring and encoder damage

[Zero setting sensor error / Zero setting]
Malfunction of the Zero sensor.
Sensor need adjustment (1/8” distance)

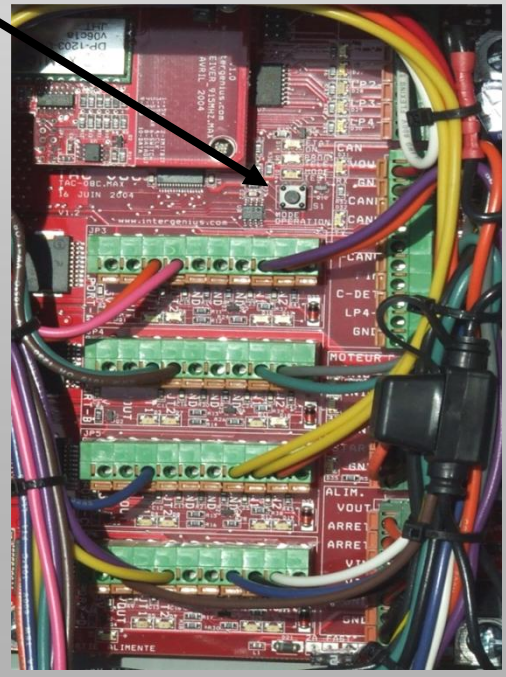
.

[Unloading sensor error / Unloading]
Malfunction of the sensor.
Sensor need adjustment (1/8” distance)

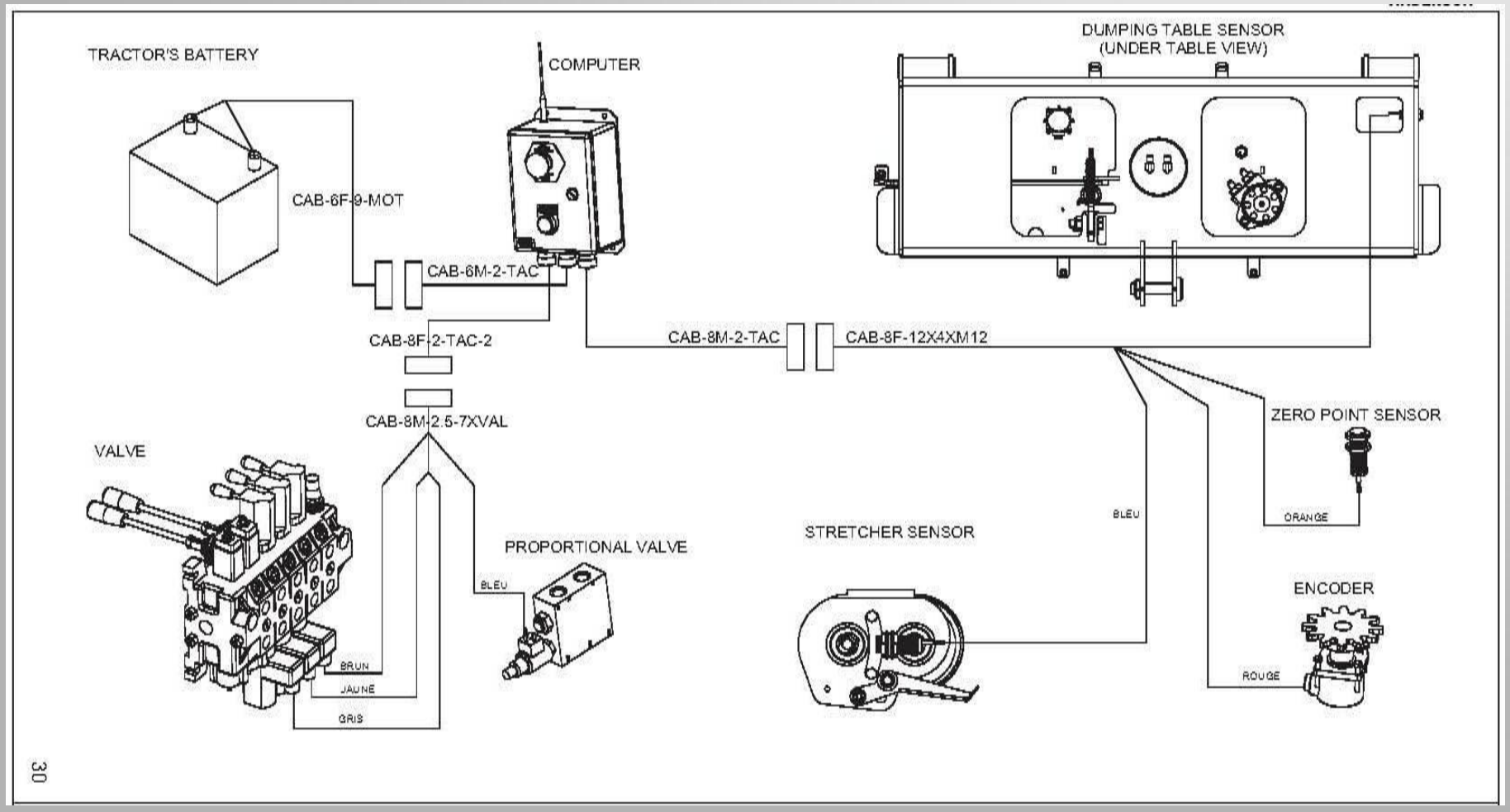
Computer TAC-o8C

Reset Computer TAC-08C

1. Turn OFF computer (Emergency stop button)
2. Open computer' door
3. Press and hold the blue (or green) button on the door.
4. Turn ON (Emergency stop button)
5. Press the black button **2 time** to enable the test mode.
6. Release the blue (or green) button
7. Turn off computer (Emergency stop button)
8. Wait **5 seconds** before any other operation.
9. Process **3 times** to alignment (with shut down between them)
   Computer memorise oil flow data for smooth start and stop.
10. Process to a wrapping test. Make sure to turn the stretcher roll or deactivated stretcher sensor

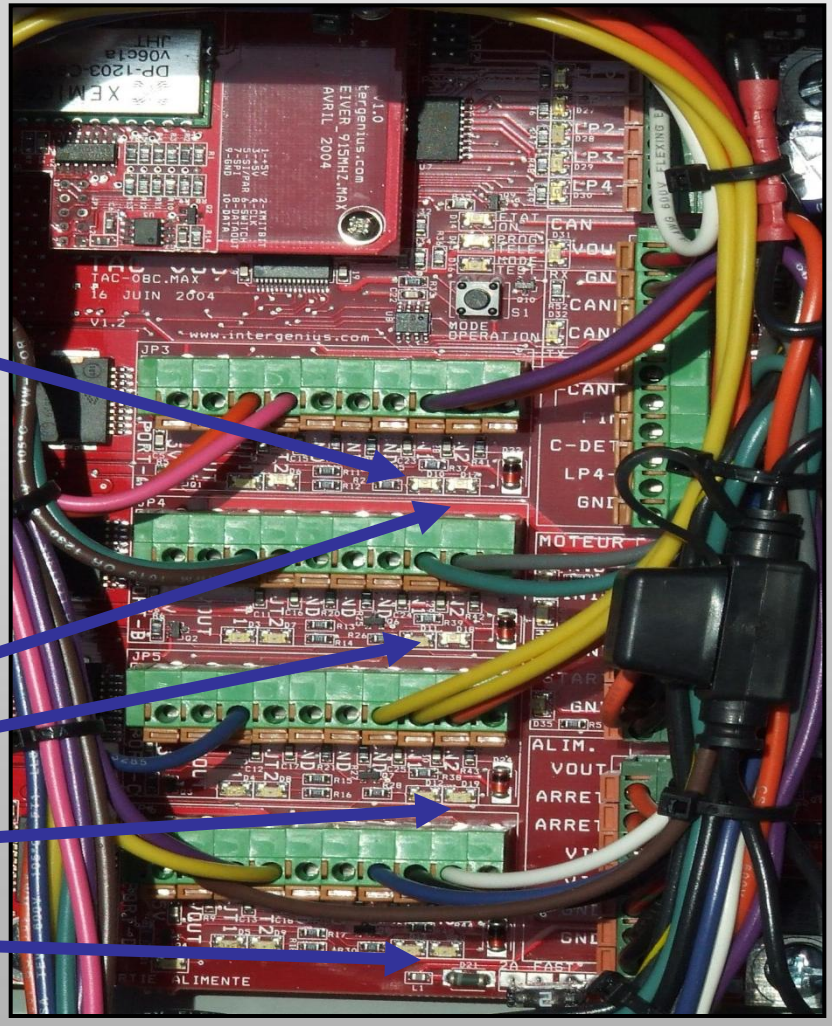


Wiring Diagram



Computer TAC-o8C

Sensor diagnostic

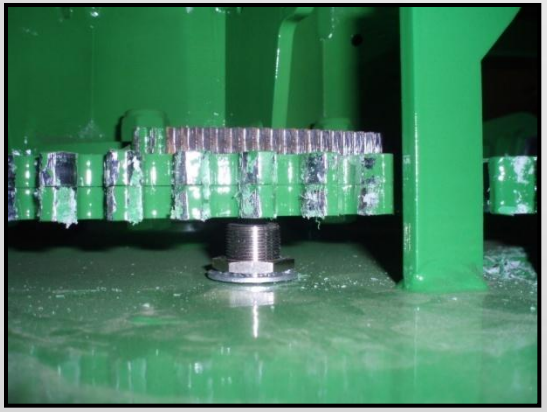


Sensor light

Computer TAC-o8C

Sensor Adjustment

Distance must be 1/8” between sensor and component



Before adjust sensor on dumping table:

Make sure the tolerance is no more than 1/16” between table and frame

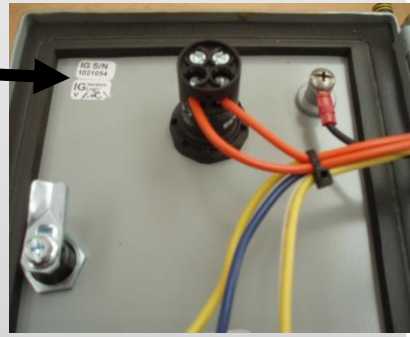
Old version: Zero position

Sensor 3/8 diameter

Read bolt head, instead of a hole

Computer TAC-o8C

Computer version



Green button:	1.1.16	- Old valve
	1.1.17	- 5 wires coming out of computer
	1.1.16^{E}	E = encoder
	1.1.17^{E}	

Blue button:	1.2.3	- New valve, 3 wires
	1.2.8	Latest version

1.1.17(^{E}) and 1.2.8	780 +1/4, table over turn when positioning
1.2.8	Additional connection for loading arm and cut and hold

Computer TAC-O8C

Problem	Possible causes	Solution
2. The TAC-08C receiver does not work	Defective power supply	Check the battery contacts and the electric connectors. Clean them if needed.
	A minimum of 12 V. is necessary.	Check the performance of the battery and the alternator. Correct if necessary.
	The fuse (s) in the receiver case are burnt out	Replace the defective fuses in the computer case.
	The power cable fuse is burnt out	Replace the defective fuse.

Problem	Possible causes	Solution
3. The TAC-08A remote control does not work (or is not associated)	The transmitter battery is dead (remote)	Install the charger and charge the remote or work with the DC wire connected
	The remote control is not associated	See the remote control association section.

Problem	Possible causes	Solution
4. Table alignment cannot be performed	The battery on the unit is too weak	Make sure that you have 12V by recharging or changing the battery.
	Defective electrical connections	Check the electrical connections (connectors on the hydraulic valves). See alignment procedure.

Computer TAC-O8C

When Light flash after aligment: There is a problem with a connection.

The most common problem with the computer is when the 12 v min is not met.

Trouble shooting (general)

All individual wrappers

Problem	Possible causes	Solution
5. The turntable does not turn or turns slowly.	The hydraulic oil level is too low. Loss or lack of oil.	Check for oil leaks and breaks. Retighten or repair as necessary. Add hydraulic oil to the tank.
	Check if you have 12V. On the wrapper battery	Recharge if needed.
	The Honda engine does not turn at the proper speed	The engine must be adjusted to 3600 revolutions / min.

Problem	Possible causes	Solution
6. The plastic film cutter does not work well.	The plastic film cutter clamp does not hold onto the end of the plastic film.	The rubber stopper moves back too far on its adjustment bolt. Adjust the bolt. The stopper spring needs to be more tense.

Maintenance (general)

Lubrication schedule

Every 200 bales:
•Pivot of plastic film roll support (1)
•Pivot of unloading platform (4)
•Central axle of turntable (1 on top)
•Pivots and barrier of tilting table (3)
•Plastic film cutter (3 underneath and 1 on the side)
•Axles of the unloading table cylinder

Every 500 bales
•front and rear stabilizers (2 each)
•Axles of the front stabilizer cylinders (2 each)
•Tandem axles (1 each)

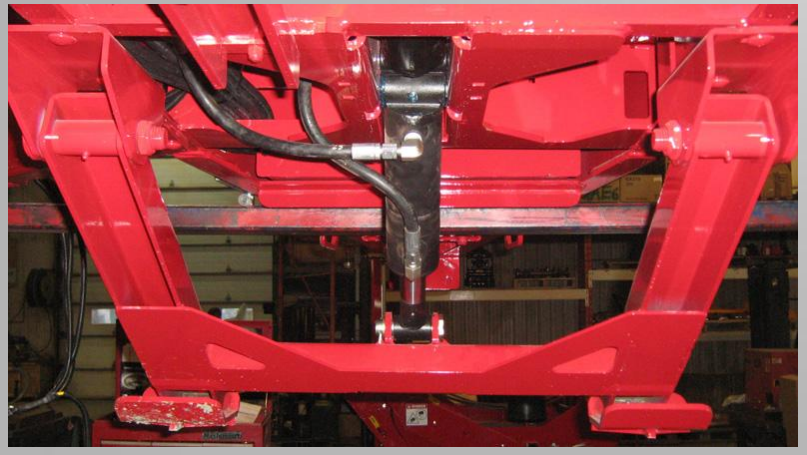
Every 1000 bales
•Bearing of the two feed rollers of the belts (1 on each end, total of 4)

It si very important to remove all debris from the guards before lubrication and after wrapping each day.

ANDERSON

Maintenance (general)

Four central bearings of the rollers



Optional front and rear stabilizers and cylinder axles

Maintenance (general)

Lubrication points

Plastic film cutter

Pivot of dumping table

Maintenance (general)

Lubrication points

Central axle of turntable

Pivot of loading arm

Maintenance (general)

Pivot of unloading platform

Check list (before delivery to end user)

- ❑ If you have received the machine that is not fully assembled you will have to assemble the unit before you go over the machine as you may not notice missing parts.
- ❑ Check for any damage. Loose bolts missing bolts and paint.
- ❑ Connect the battery (Anderson disconnects the battery for transport and for storage as well)
- ❑ Grease and lubricate all of the points that have been marked by the yellow stickers (You can find a summary of the locations of these points in the user manual that accompanies the machine.
- ❑ Check the Oil level of the Honda engine. Add oil if necessary (10W30)
- ❑ Check fluid level of the hydraulic tank. There is a gauge on the top of the cap. Add fluid if necessary (TDH)
- ❑ Start the Honda motor and warm up the hydraulic fluid for 3 to 5 minutes.

Check list (before delivery to end user)

- ❑ Test the machine with the manual hydraulic valves located on the control panel. Be sure that all functions are working.
- ❑ Test the cut and hold system, the dumping table and the loading arm if equipped
- ❑ Do a system alignment with the remote control.
- ❑ After a 15 minute short test you should be able to cover all that is on the checklist. You should always check for fluid leaks after you have run the Honda Engine.

_____ **checklist operator signature**

_____ **Date**