SECTION 00 - GENERAL INFORMATION

Chapter 1 - General Information

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SAFETY

PRECAUTIONARY STATEMENTS

A careful operator is the best operator. Most accidents can be avoided by observing certain precautions. To help prevent accidents, read the following precautions before operating this equipment. Equipment should be operated only by those who are responsible and instructed to do so.

Carefully review the procedures given in this manual with all operators. It is important that all operators be familiar with and follow safety precautions.

The Round Baler

1. Keep safety decals free of dirt and grime.
2. Replace all damaged, missing or illegible safety decals.
3. Install all shields before operating the round baler.
4. Keep the round baler free of dust, chaff and hay. Always have a fire extinguisher handy.
5. Never operate the round baler without the PTO shield in place. Make sure the PTO shield rotates freely. Make sure the shield chain is attached.

Towing the Round Baler

1. Do not exceed 32 KPH (20 MPH) when towing the round baler. Do not tow the baler with a bale in the bale chamber.
2. Make sure the SMV, reflective tape and lights are clean and clearly visible.
3. Refer to local, state or provincial laws and regulations for restrictions on public roads.
4. Make sure the taillights are operating properly.
5. Raise and secure the pickup in its highest position.
6. On balers with a 2.1 meter wide pickup, move the gauge wheels to the transport position.

Operating the Round Baler

1. Read the Operator's Manual before operating the round baler.
2. Only allow properly trained persons to operate the round baler.
3. Allow only one operator on the tractor.
4. Do not permit anyone to ride on the round baler.
5. Do not engage the PTO before you are sure everyone is clear of the round baler.
6. Do not work around the round baler in loose clothing that might catch in moving parts.
7. Do not attempt to pull crop from the round baler without turning off the PTO.
8. Keep hands away from the twine knife. Be sure all persons are clear of the baler before operating the twine tubes.
9. If the twine does not start, stop the round baler before correcting the problem.
10. Keep hands away from the net knife.
11. Do not operate above the rated PTO speed.
12. Do not back over windrows, the hay may wedge between the floor roll and pickup.
13. Do not make overweight bales. The round baler may be damaged.
14. Do not exceed the full bale size. An oversize bale will put excessive stress on the round baler components.
15. Be sure all persons are clear of the round baler before starting the round baler, activating the wrapper or opening the tailgate.
16. Do not adjust the pickup lower than necessary.
17. When operating on slopes, the bale must be ejected on the side of the slope to prevent the bale from rolling into the baler or down the hill.
18. Avoid contact with electric power lines. Be especially careful when opening the tailgate.

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TORQUES AND ADJUSTMENTS

TORQUES

Wheel bolts	156 N·m (115 ft.-lbs.)
19/45-17	380 N·m (289 ft.-lbs.)
Cam follower bearing	61 N·m (45 ft.-lbs.)
Pickup finger	15 N·m (133 in.-lbs.)
PTO on gearbox	142 N·m (105 ft.-lbs.)

ADJUSTMENTS

Tire pressure	
31-13.5x15, 8 ply	234 kPa (34 psi)
19/45-17, 10 ply	193 kPa to 220 kPa (28 psi to 32 psi)
4.8x4-8, 4 ply	104 kPa (15 psi)
16.5x6.5-8, 4 ply	204 kPa to 275 kPa (35 psi to 40 psi)
Net wrapper brake pad	2 to 4 mm (3/32 to 5/32″)
Brake spring	machines built on or before 09/03: 180 to 186 mm (7-1/8 to 7-5/16″) machines built after 09/03: 119 to 123 mm (4-11/16 to 4-27/32″)
Duckbill spring	384 to 390 mm (15-1/8 to 15-3/8″)
Knife spring	289 to 295 mm (11-3/8 to 11-5/8″)
Twine wrapper	
Knife tension springs	64 mm (2-1/2″)
Wide PU drive chain idler spring	130 mm (5-1/8″)
Sledge slip clutch	677 to 767 N·m (500 to 567 ft.-lbs.)

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MINIMUM HARDWARE TIGHTENING TORQUES

IN NEWTON-METERS (FOOT POUNDS) FOR NORMAL ASSEMBLY APPLICATIONS

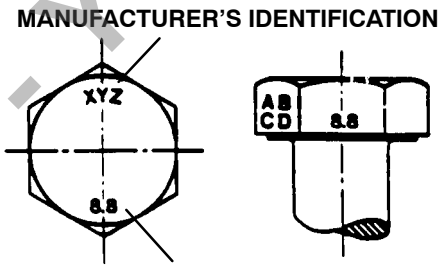
METRIC NON-FLANGED HARDWARE AND LOCKNUTS

NOMINAL SIZE	CLASS 5.8		CLASS 8.8		CLASS 10.9		LOCKNUT CL.8 W/CL8.8 BOLT
	UNPLATED	PLATED W/ZnCr	UNPLATED	PLATED W/ZnCr	UNPLATED	PLATED W/ZnCr	
M4	1.7 (15)*	2.2 (19)*	2.6 (23)*	3.4 (30)*	3.7 (33)*	4.8 (42)*	2.3 (20)*
M6	5.8 (51)*	7.6 (67)*	8.9 (79)*	12 (102)*	13 (115)*	17 (150)*	7.8 (69)*
M8	14 (124)*	18 (159)*	22 (195)*	28 (248)*	31 (274)*	40 (354)*	19 (169)*
M10	28 (21)	36 (27)	43 (32)	56 (41)	61 (45)	79 (58)	38 (28)
M12	49 (36)	63 (46)	75 (55)	97 (72)	107 (79)	138 (102)	66 (49)
M16	121 (89)	158 (117)	186 (137)	240 (177)	266 (196)	344 (254)	164 (121)
M20	237 (175)	307 (226)	375 (277)	485 (358)	519 (383)	671 (495)	330 (243)
M24	411 (303)	531 (392)	648 (478)	839 (619)	897 (662)	1160 (855)	572 (422)

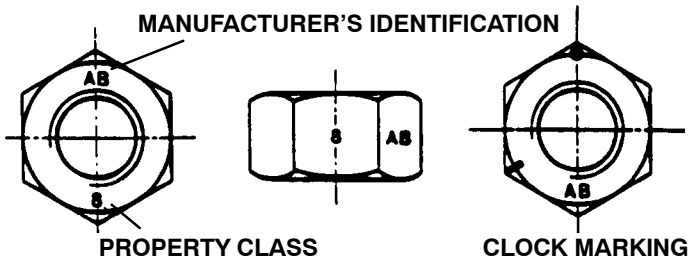
NOTE: Torque values shown with * are inch pounds.

IDENTIFICATION

HEX CAP SCREW AND CARRIAGE BOLTS CLASSES 5.6 AND UP



HEX NUTS AND LOCKNUTS CLASSES 05 AND UP



86529681 REV F 5.1

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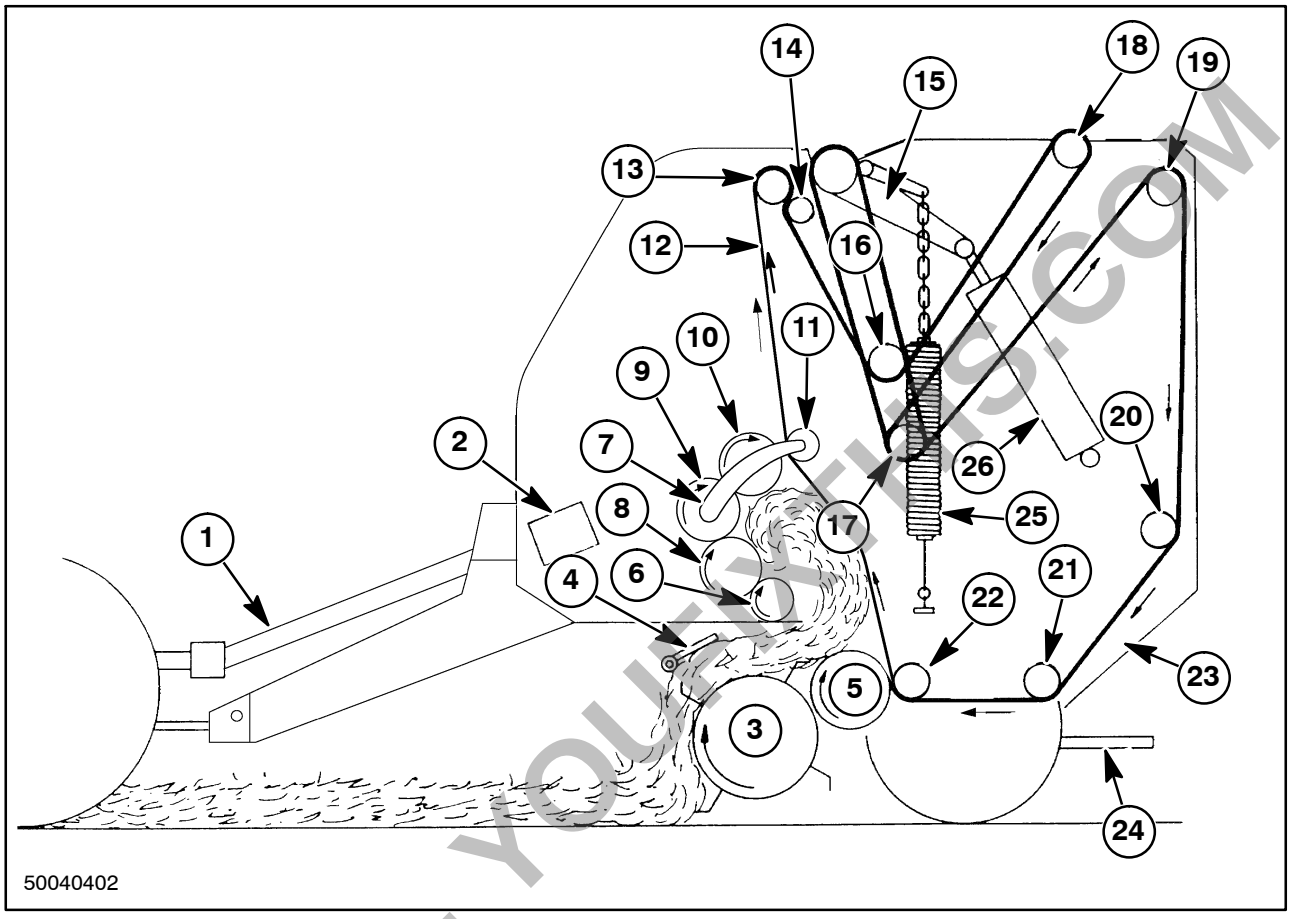
RECOMMENDED LUBRICANTS

Lubricant	Type and Description
Engine Oil	AKCELA NO. 1 SSL OIL SAE 0W–40
	AKCELA NO. 1 OIL SAE 10W
	AKCELA NO. 1 OIL SAE 10W–30
	AKCELA NO. 1 OIL SAE 30
	AKCELA NO. 1 OIL SAE 15W–40
	AKCELA NO. 1 OIL SAE 20W–50
	AKCELA AUTO SUPREME SAE 5W–30
	AKCELA AUTO SUPREME SAE 10W–30
	AKCELA LOW ASH OIL SAE 10W
	AKCELA LOW ASH OIL SAE 30
Transmission Oil	AKCELA HY–TRAN ULTRA
	AKCELA HY–TRAN ULTRA SSL
	AKCELA TSM BIO
Hydraulic Oil	AKCELA AW46 HYD FLUID
	AKCELA AW68 HYD FLUID
	AKCELA AW100 HYD FLUID
	AKCELA HYDRAULIC EXCAVATOR FLUID
	AKCELA TCH FLUID
ATF Oil	TRANS. XHD
Gear Oil	AKCELA 135H EP GEAR LUBE SAE 80W–90
	AKCELA 135H EP GEAR LUBE SAE 85W–140
	AKCELA TRANSAXLE FLUID
	AKCELA GEAR LUBE SSL
Grease	AKCELA 251H EP MULTI–PURPOSE GREASE
	AKCELA PREMIUM GREASE EP–2
	AKCELA EP–0 GREASE
	AKCELA CORN HEAD GREASE
	AKCELA MOLY GREASE
	AKCELA SSL SYNTHETIC GREASE
	AKCELA HTO ADDITIVE
	AKCELA HTO PREMIX
	AKCELA LIMITED SLIP ADDITIVE
	AKCELA AXLE OIL ADDITIVE
Brake Oil	AKCELA CRAWLER BRAKE OIL
Special Lubricants	AKCELA AG LUBRICANT
	AKCELA DURAFIT SPINDLE GREASE
	AKCELA COTTON PICKER BAR LUBE
	AKCELA HI–SPEED SPINDLE CLEANER

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BALER COMPONENTS



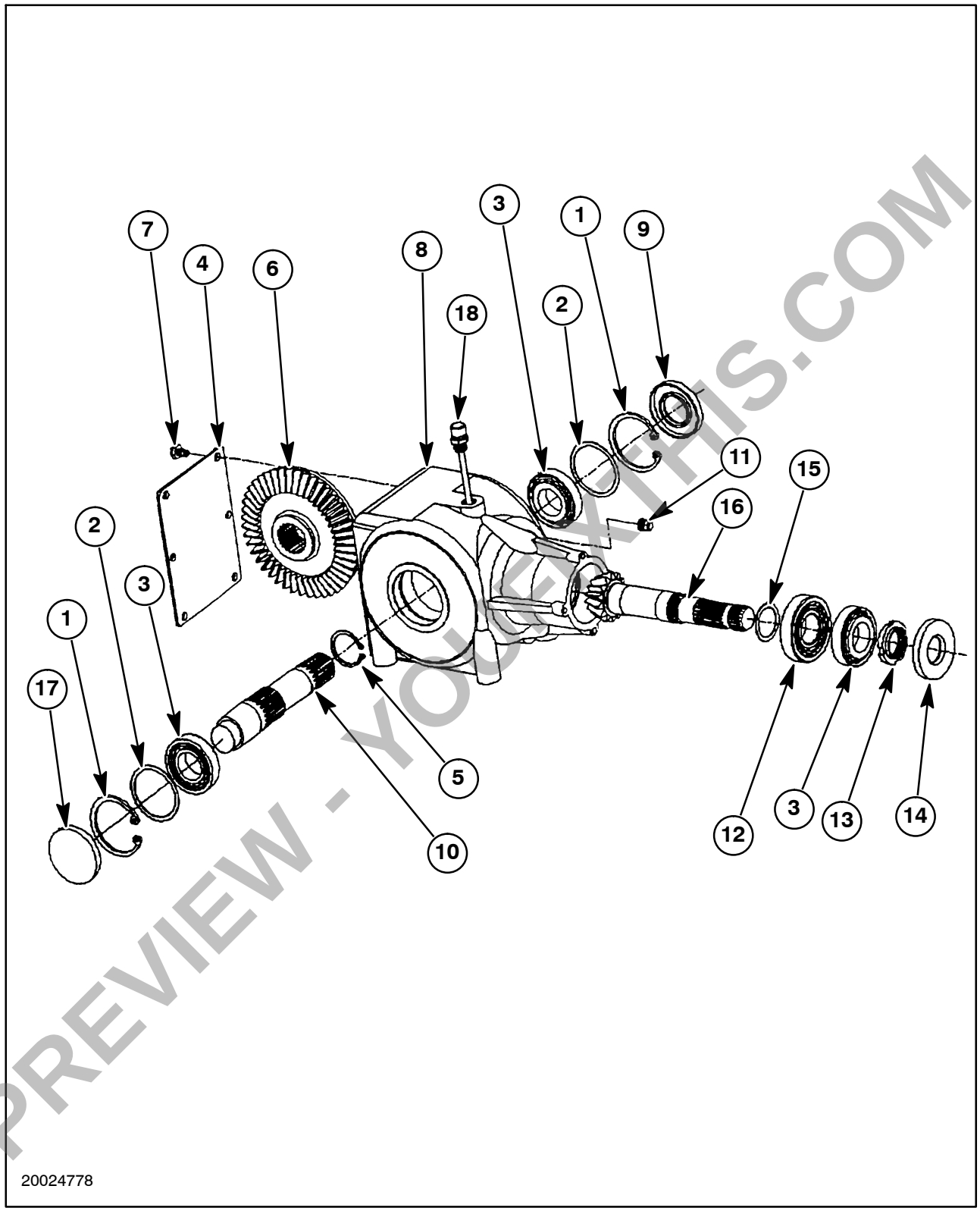
3

BASIC COMPONENTS

1. Drive shaft
2. Gearbox
3. Pickup
4. Wind guard
5. Floor roll
6. Starter roll
7. Sledge/Pivot arm
8. Stationary Dimple roll
9. Sledge/Pivot roll
10. Stripper roll
11. Sledge follower roll
12. Belts
13. Belt drive roll
14. Back wrap roll
15. Belt tension arm
16. Front take-up roll
17. Rear take-up roll
18. Top front tailgate idler roll
19. Top rear tailgate idler roll
20. Middle tailgate idler roll (belt tracking)
21. Bottom tailgate idler roll (RBX462 only)
22. Tailgate nose roll
23. Tailgate
24. Bale ramp
25. Belt tension spring(s)
26. Belt density cylinder(s)

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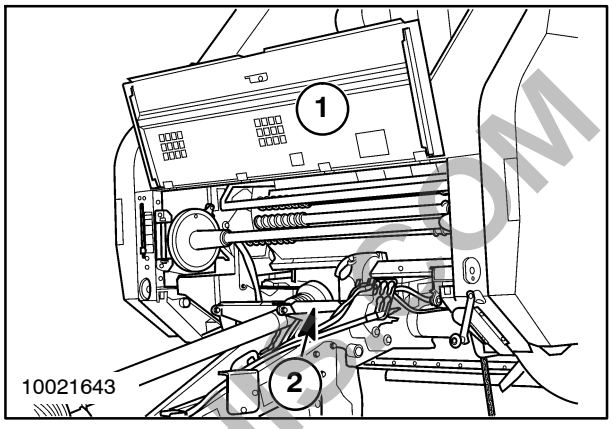
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Op. 31 225

MAIN DRIVE SLIP CLUTCH – RBX452, RBX462

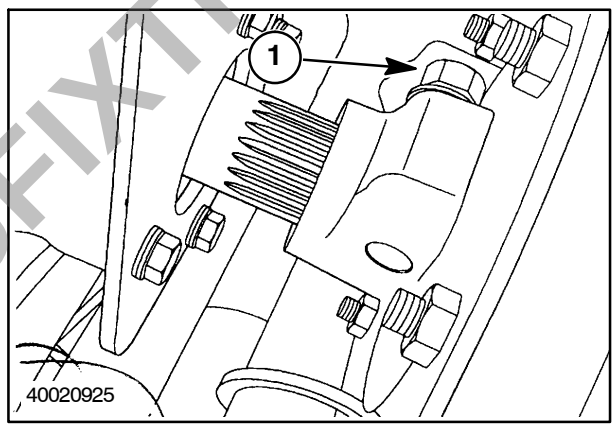
Removal

Slide out the front half of the PTO. Open the shield, 1. Rotate the step, 2, forward.



5

Remove the tapered pin, 1, clamping the slip clutch hub to the gearbox shaft. Loosen the nut and drive on the nut to loosen the pin. Remove the nut once the pin is loose and drive the pin the rest of the way out.



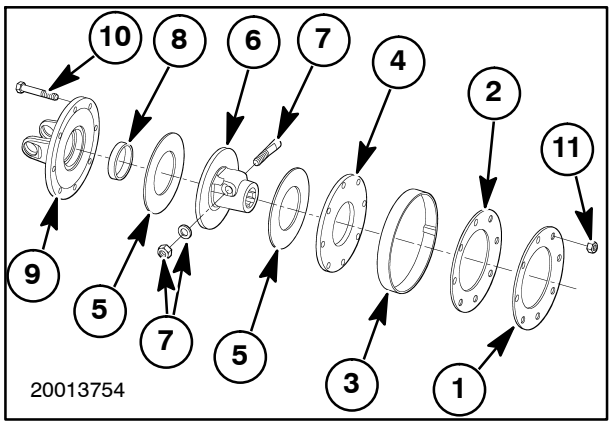
6

Disassembly

Clamp the clutch assembly vertically in a vise with the PTO shaft down.

Loosen the eight cap screws, 10 and 11, evenly in a circular pattern in stages of one turn each. When the bolts are loose, remove each one.

Lift the individual component 1 through 6 off of the clutch plate, 9.



7

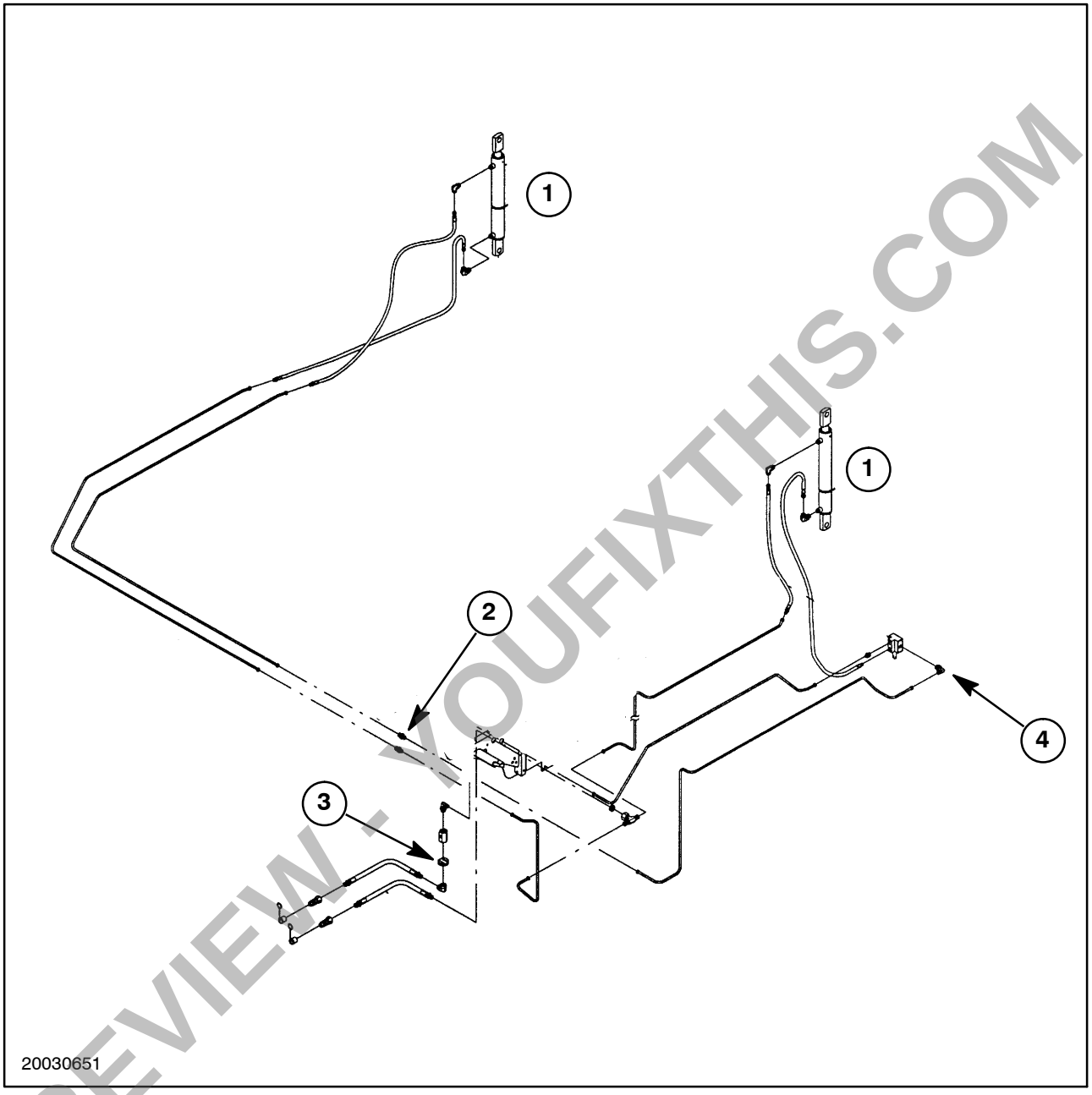
Number	Quantity	Description
1	1	Spring
2	1	Spring
3	1	Spacer
4	1	Thrust plate
5	2	Friction disc
6	1	Hub
7	1	Tapered pin
8	1	Bushing
9	1	Clutch plate
10	8	CSHH 8.8 P M10 x 55
11	8	LN CL8 P M10

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Op. 35 550

TAILGATE LIFT SYSTEM



1

DESCRIPTION OF OPERATION

The tailgate lift system consists of two cylinders, 1, a lockout valve, 4, and the steel lines and hoses to connect them to the tractor. There is an orifice, 3, in the line between the tractor and the lockout valve to regulate the speed of the tailgate. The large slot in the orifice should be facing away from the tractor. Never operate the baler with this orifice removed. Damage to the main frame and tailgate will occur if the orifice is removed. The lockout valve is connected to the bottom of each cylinder. The lines from the top of each cylinder are connected at a tee, 2, to the other tractor hose. When the lockout valve is placed in the lock position, oil is trapped in the base of both cylinders to keep them from moving. If one line should fail, the other cylinder will support the tailgate as the two lines are not connected on the cylinder side of the valve.

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TROUBLESHOOTING

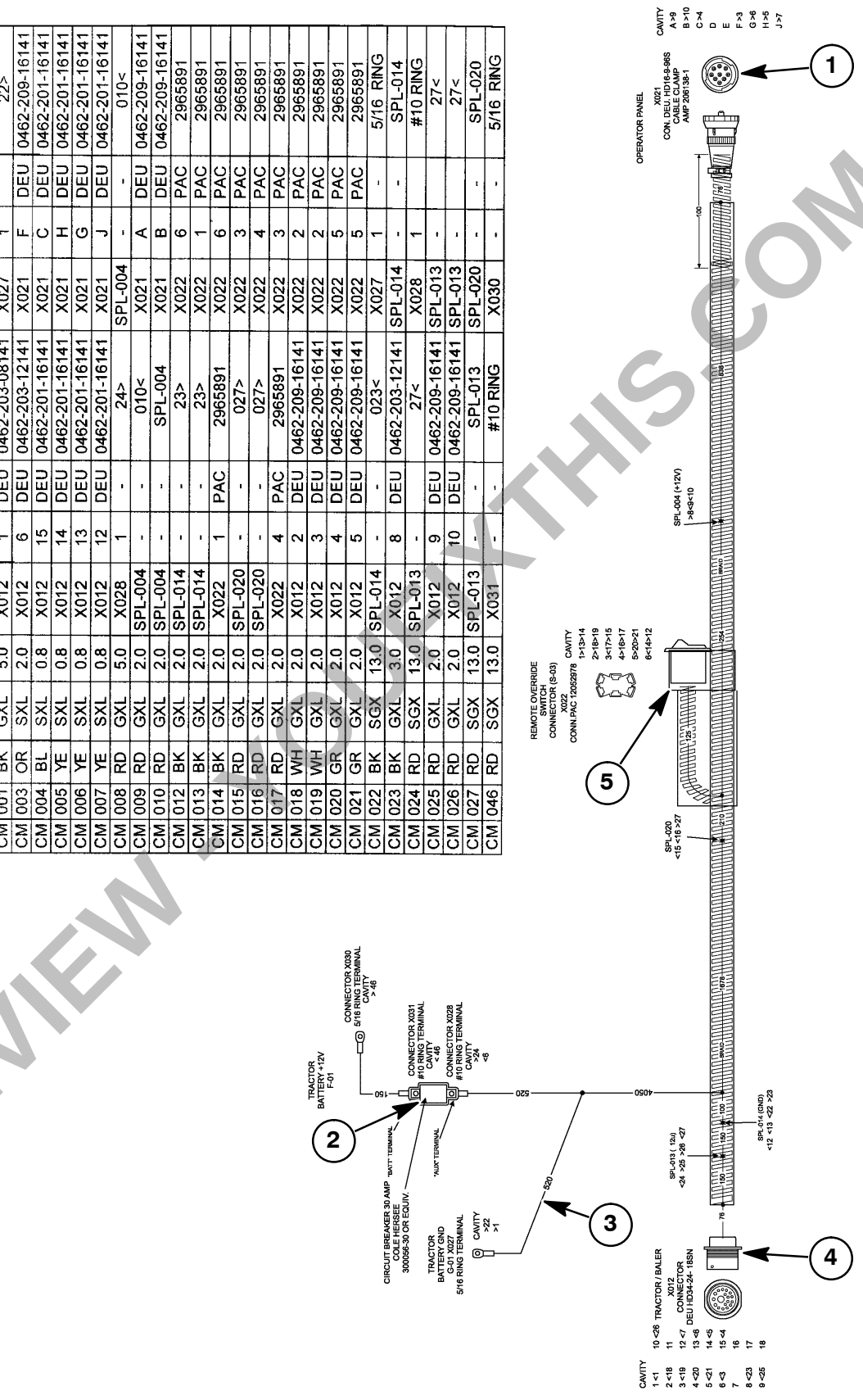
PROBLEM	POSSIBLE CAUSES	CORRECTION
TAILGATE CYLINDERS		
Internal leakage.	Worn or damaged seals.	Replace.
External leakage.	Worn or damaged seals.	Replace.
	Internal leakage in a single- acting cylinder.	See internal leakage.
Tailgate opens slowly.	Restriction in line.	Remove restriction.
	Lockout valve incorrectly adjusted.	Readjust so spool has full travel.
	Orifice installed wrong.	Install with slot facing away from tractor.
	Low flow or pressure.	Repair tractor hydraulic system.
Tailgate closes fast.	No orifice in line.	Install orifice.
	Orifice installed wrong.	Install with large slot facing away from tractor.
Tailgate drifts open.	Internal leak in cylinder.	See internal leakage.
	Tractor remote not sealing.	Repair tractor.
	Tailgate not latched.	Check latch is locked before baling.

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TRACTOR HARNESS

ID	W#	COL	MAT'L	SAE MM2	CON<	CAV<	SUP<	TERM#<	CON>	CAV>	SUP>	TERM#>
CM	001	BK	GXL	5.0	X012	1	DEU	0462-203-08141	X027	1		22>
CM	003	OR	SXL	2.0	X012	6	DEU	0462-203-12141	X021	F	DEU	0462-209-16141
CM	004	BL	SXL	0.8	X012	15	DEU	0462-201-16141	X021	C	DEU	0462-201-16141
CM	005	YE	SXL	0.8	X012	14	DEU	0462-201-16141	X021	H	DEU	0462-201-16141
CM	006	YE	SXL	0.8	X012	13	DEU	0462-201-16141	X021	G	DEU	0462-201-16141
CM	007	YE	SXL	0.8	X012	12	DEU	0462-201-16141	X021	J	DEU	0462-201-16141
CM	008	RD	GXL	5.0	X028	1	-	24>	SPL-004	-	-	010<
CM	009	RD	GXL	2.0	SPL-004	-	-	010<	X021	A	DEU	0462-209-16141
CM	010	RD	GXL	2.0	SPL-004	-	-	SPL-004	X021	B	DEU	0462-209-16141
CM	012	BK	GXL	2.0	SPL-014	-	-	23>	X022	6	PAC	2965891
CM	013	BK	GXL	2.0	SPL-014	-	-	23>	X022	1	PAC	2965891
CM	014	BK	GXL	2.0	X022	1	PAC	2965891	X022	6	PAC	2965891
CM	015	RD	GXL	2.0	SPL-020	-	-	027>	X022	3	PAC	2965891
CM	016	RD	GXL	2.0	SPL-020	-	-	027>	X022	4	PAC	2965891
CM	017	RD	GXL	2.0	X022	4	PAC	2965891	X022	3	PAC	2965891
CM	018	WH	GXL	2.0	X012	2	DEU	0462-209-16141	X022	2	PAC	2965891
CM	019	WH	GXL	2.0	X012	3	DEU	0462-209-16141	X022	2	PAC	2965891
CM	020	GR	GXL	2.0	X012	4	DEU	0462-209-16141	X022	5	PAC	2965891
CM	021	GR	GXL	2.0	X012	5	DEU	0462-209-16141	X022	5	PAC	2965891
CM	022	BK	SGX	13.0	SPL-014	-	-	023<	X027	1	-	5/16 RING
CM	023	BK	GXL	3.0	X012	8	DEU	0462-203-12141	SPL-014	-	-	SPL-014
CM	024	RD	SGX	13.0	SPL-013	-		27<	X028	1		#10 RING
CM	025	RD	GXL	2.0	X012	9	DEU	0462-209-16141	SPL-013	-		27<
CM	026	RD	GXL	2.0	X012	10	DEU	0462-209-16141	SPL-013	-		27<
CM	027	RD	SGX	13.0	SPL-013	-	-	SPL-013	SPL-020	-	-	SPL-020
CM	046	RD	SGX	13.0	X031	-	-	#10 RING	X030	-	-	5/16 RING



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NET-TWINE WRAPPER DIAGNOSTIC MODE QUICK REFERENCE CARD

Round Balers RBX452, RBX462

PRESS THE SETUP/DIAGNOSTIC KEY TO CYCLE TO A PARTICULAR MODE

Mode	Function/Configuration	Information/Conditions/ Operator's Display	Change/Adjust With	Save/Next Step With
1	Bale size calibration	Baler empty, tailgate closed	+ or −	Press and hold for 2 seconds
2	Select configuration A. Net wrapping B. (*) Twine wrapping C. (*) Twine/net wrapping	A. Three dashes B. Flashing "2" and wrap bale and twine pointers flashing C. Flashing "2" and wrap bale pointer flashing	Press and hold net/twine key for 3 seconds	Press
	(*) Programming "PAt 4"	Custom twine wrapping patterns	or	Press
3	Select configuration A. Not used B. Rotor/cutter feeder functions	B. Flashing "3" and flashing pointer and a symbol "=o"	A. + or − B. Press and hold for 3 seconds	Press
4	Not used		+ or −	Press
5	Bale shape alarm off/on	Bottom bale shape bars flashing and "on" or "off"	+ or −	Press
6	A. Bale shape alarm threshold B. Bale shape sensitivity	A. Each bar graph indicates 10% of sensor movement, will indicate when alarm sounds B. Flashing "6" with a number between 2 (slow) and 50 (fast)	A. + or − B. Press and hold for 3 seconds	Press
7	Near full bale alarm	Flashing "7" with a number between 0 (full bale) and 6 (inches before full bale)	+ or −	Press
8	Standard/metric configuration	Flashing "8" and USA (standard) or Eur (metric)	+ or −	Press
9	Model number configuration	Flashing "9" and model number	+ or −	Press
10	Buffer zone	Three dashes		
11	Buffer zone	Three dashes		
12	Bale size sensor adjustment	Flashing "12" with a number between 28 to 32	Rotate potentiometer in the home position only	Press
13	A. Net wrap actuator potentiometer adjustment and calibration B. Buffer zone in twine only configuration	• Actuator fully extended, flashing "13" with a number between 23 and 27	Rotate potentiometer	+ Press for 2 seconds
		• Actuator in duck bill pre cut position, flashing "13" with a number between 41 and 190	or Place knife trip roller 25 mm, (1 in.) from exiting narrow cam slot	Press for 2 seconds
		• Actuator fully retracted, (home position), flashing "13" with a number between 150 and 249	Press	Press for 2 seconds

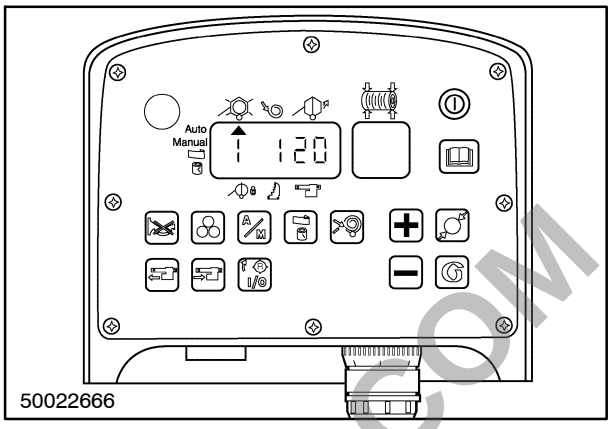
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SETUP ITEMS

ITEM 1 – Bale size calibration

The bale size calibration is used to calibrate the controller to make a bale that is the same size as is shown on the display panel. Calibration should be performed when the size of bale made is not the same as the full bale size displayed and whenever the bale size sensor or controller has been adjusted or replaced.

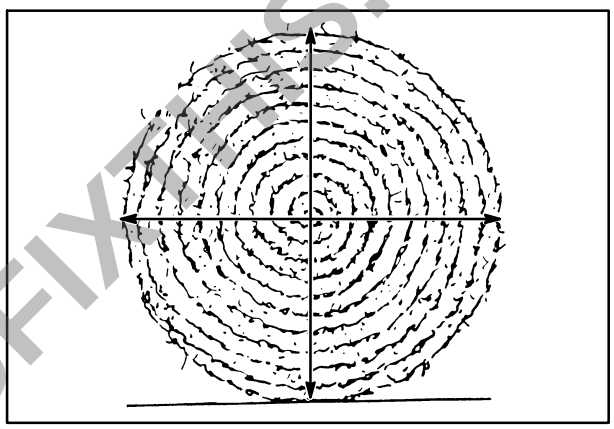


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When starting a new baler or whenever the bale size sensor or controller has been adjusted or replaced, set the bale size at least 30 cm below the maximum full bale size but greater than 120 cm.

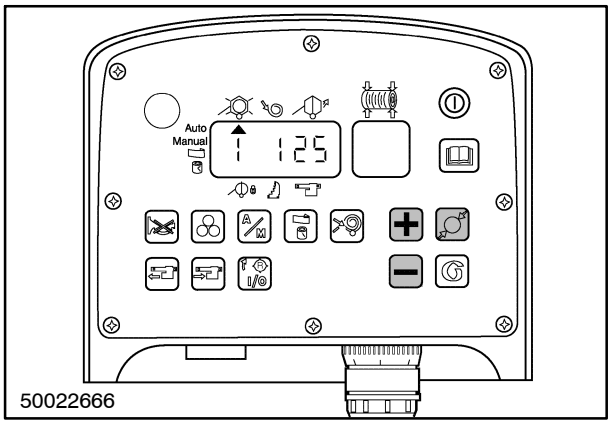
Make a bale and wrap it in the normal automatic mode.

Measure the bale diameter both horizontally and vertically and average the two measurements.



16

If the measured bale size is not the same as the displayed size, calibrate the controller as follows:



17

1. Enter the setup/diagnostic mode by pressing and holding the setup/diagnostic key for two seconds. The display should indicate “1” and the full bale size desired. The “1” and FULL BALE indicator should be flashing.
2. Use the + (plus) or – (minus) key to change the bale size displayed to the measured size.
3. Press and hold the BALE SIZE key for one second. The alarm will be activated and the FULL BALE indicator will turn on steady for one second indicating that the calibration is complete.
4. Press and hold the setup/diagnostic key for two seconds to exit the setup/diagnostic mode and return to normal operation. The alarm will sound to indicate that the controller has been taken out of the setup/diagnostic mode and returned to normal operation.

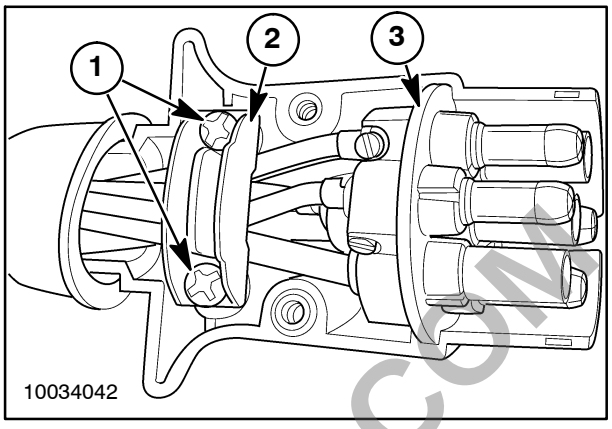
   OR

   To advance to setup item 2- Press and release the setup/diagnostic key.

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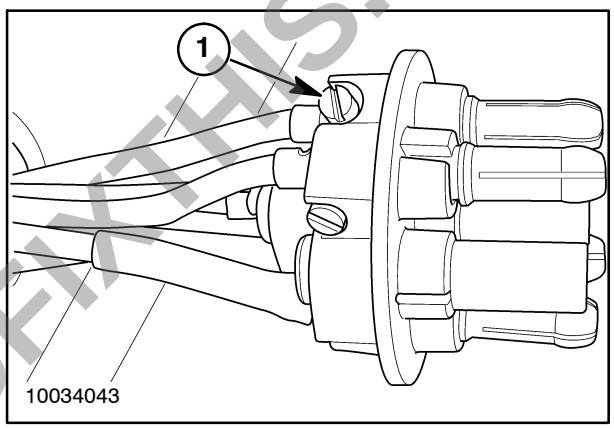
Take out the two screws, 1, to remove the clamp, 2. Snap the mounting disc, 3, out of the lower half of the connector.



41

To remove a wire, loosen the small screw, 1. Pull the wire out.

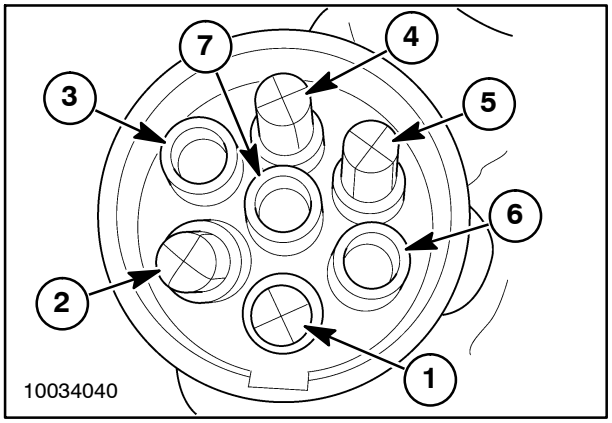
Remove and replace one wire at a time to make sure it is in the proper location.



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The light plug to the tractor connects according to the following table:

Pin	Wire color	Wire number	Controls
1	Purple	LA4	Turn left
2			Not used
3	Black	LA6	Ground
4	Purple	LA1	Turn right
5	Purple	LA5	Running
6	Purple	LA3	Stop
7	Purple	LA2	Running



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INTRODUCTION

Appropriate service methods and correct repair procedures are essential for the safe, reliable operation of all equipment, as well as the personal safety of the individual performing the repair.

This Repair Manual provides troubleshooting, overhaul, and technical information needed to properly service the equipment. Following these instructions will ensure the safe, efficient, and timely completion of the service or repair. Use this manual in conjunction with the Operator's Manual for complete operation, adjustment and maintenance information.

There are numerous variations in procedures, techniques, tools, and parts for servicing machines, as well as in the skill of the individual doing the work. This manual cannot possibly anticipate all such variations and provide advice or cautions as to each. Accordingly, anyone who departs from the instructions provided in this manual must first establish that their personal safety, the safety of others, and the integrity of the machine will not be compromised by the choice of methods, tools or parts.

The manual is divided into sections which are subdivided into chapters. Each chapter contains information on general operating principles, detailed inspection, overhaul and, where applicable, specific troubleshooting, special tools, and specifications.

Any reference in this manual to right, left, rear, front, top, or bottom is determined by standing behind the machine and looking in the direction of travel.

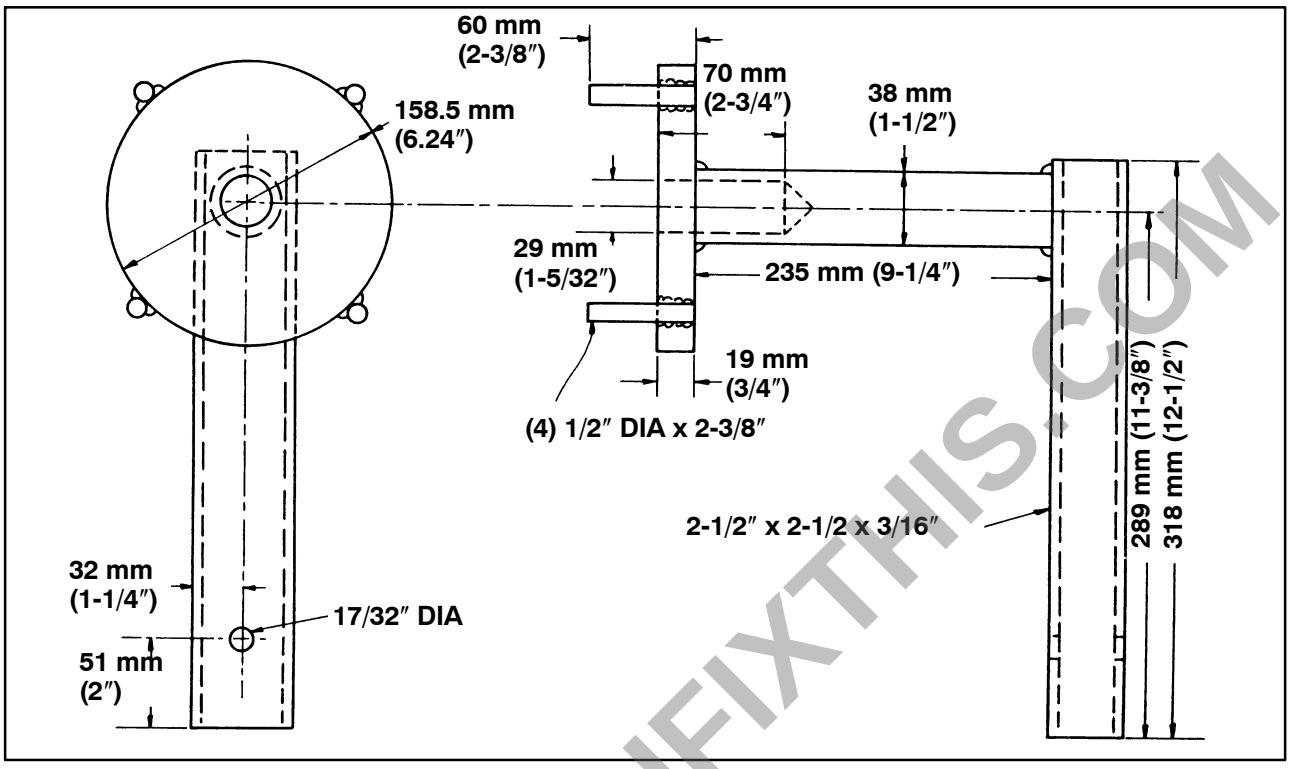
All data and illustrations in this manual are subject to variations in build specification. The description and specifications were correct at the time of issue, but company policy is one of continuous improvement. The company reserves the right to change specifications, equipment, or design at any time, without notice.

NOTE: *Some photographs in this manual were taken of prototype or previous production models. Current production models may vary in some detail.*

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Sledge Roll Clutch Tool



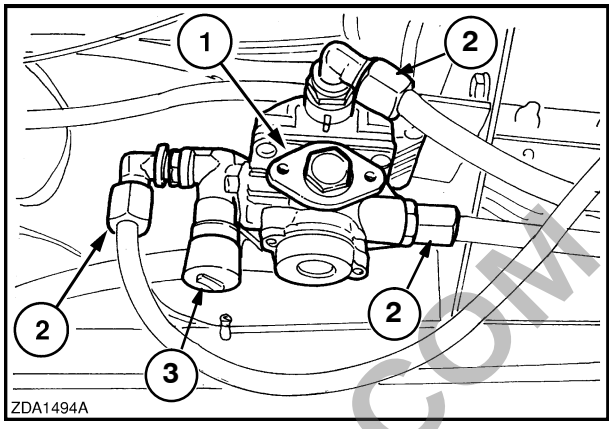
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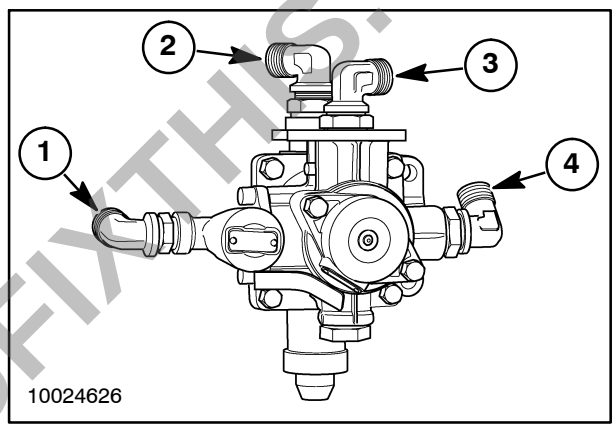
Disassembly – assembly

Release the pressure of the brake circuit at 3. Remove all connections 2 at valve 1 and remove valve 1 from the baler.



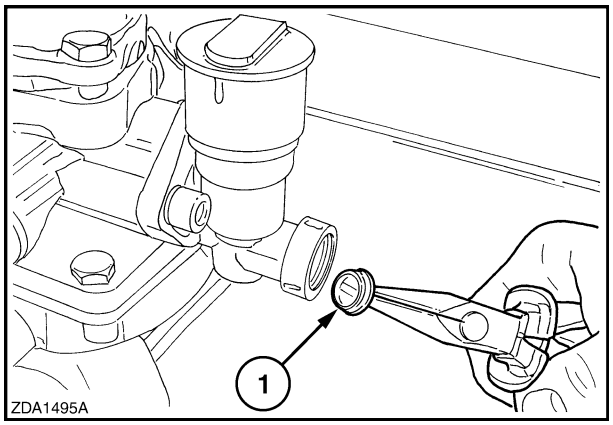
3

Remove the O ring, retaining ring and elbow, at 1, 2, 3 and 4.



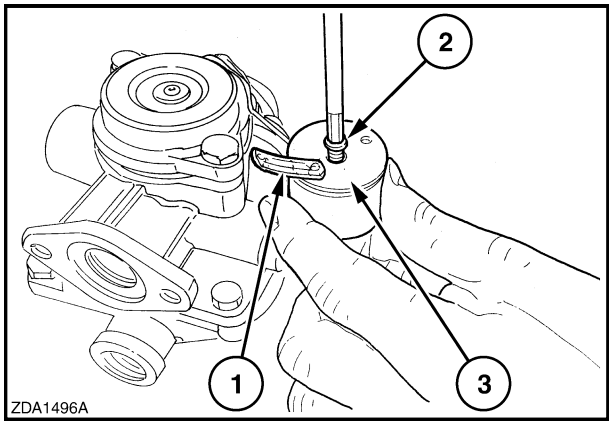
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Remove filter, 1.



5

Remove plate, 1, unscrew screw, 2, and remove button, 3.

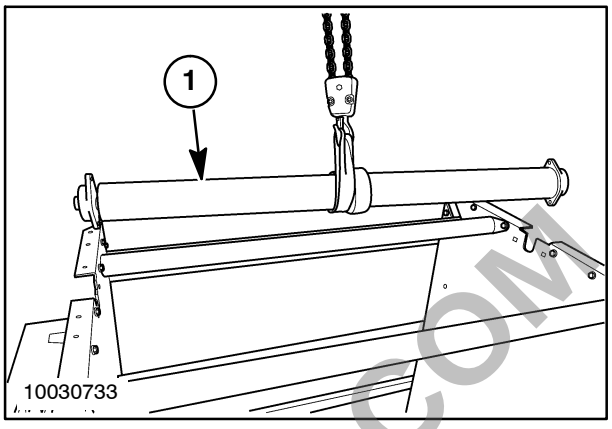


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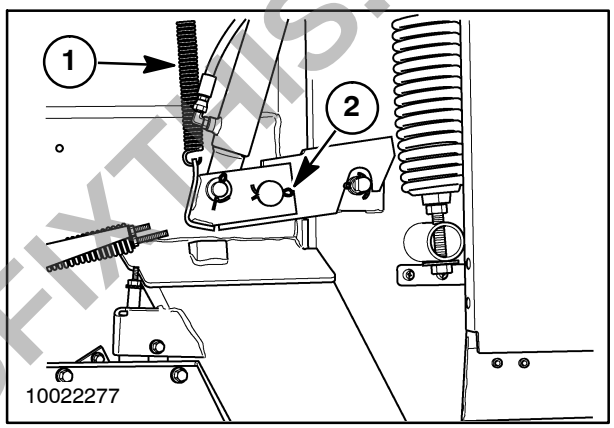
Drop the belts to the ground. Lower the empty roll, 1, and take it away from the baler.



25

Remove the tailgate latch spring, 1, on each side of the baler.

Remove the cotter pin, 2, at the tailgate latch pivot.



26

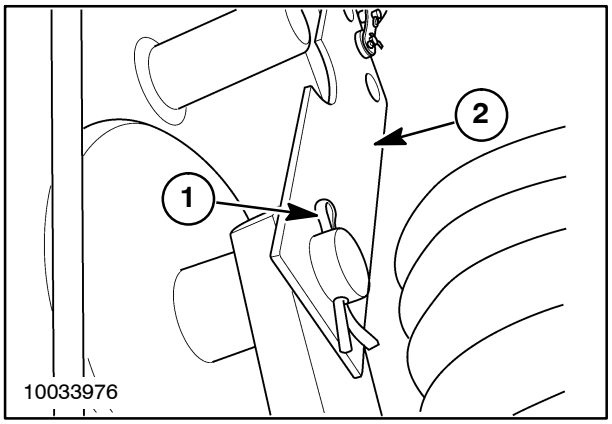
Remove the cotter pin, 1, from the mounting at the top end of the cylinder.

The link, 2, is not used.

Take the cylinder and latch off the mounting pins.

Put the latch back on its mounting pin and swing the cylinder toward the front of the baler. Tie it to the twine box support.

Do the same on the other side of the baler.



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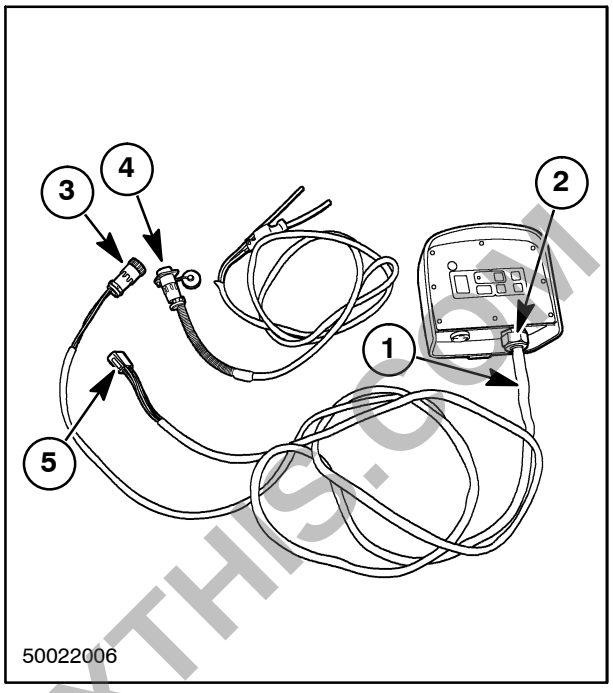
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ELECTRIC WRAP MONITOR HARNESS

The monitor harness, 1, is used with all Electric Wrap balers. The harness stays attached to the monitor and goes to the tractor harness or the tractor power connector and the baler harness.

The connector, 2, remains attached to the monitor. The three pin connector, 3, either attaches to the tractor harness, at 4, or directly to the tractor. Some tractors have a power source connector that the monitor harness will plug into to provide 12 volts. The 12 pin connector, 5, must be located at the back of the tractor. It attaches to the Electric Wrap Harness on the baler.



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ITEM 23 - Duckbill dwell time position for adjustment and calibration

Item 23 is used for adjusting the duckbill for better feeding of the net.

Duckbill dwell time:

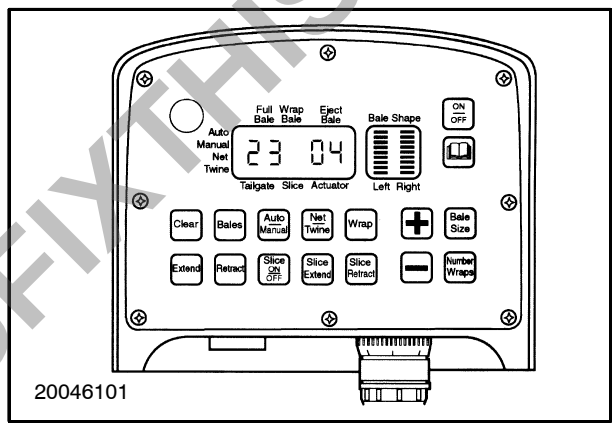
The software version can be identified in item 20. In item 20, if the left display shows “C_” (upper case C followed by underscore) the controller is equipped with programmable duckbill dwell time (item 23). If the left of the display shows ‘c’ (lower case c) the controller is equipped with production software and cannot be programmed.

To adjust the duckbill dwell time:

1. Enter the setup/diagnostic mode by pressing and holding the OPEN BOOK key for two seconds. The display should indicate “1” and the full bale size.
2. Press and release the OPEN BOOK key twenty two more times to advance to item 23.
3. The display will show 23 on the left and a number between 4 and 15 to the right. The number on the right represents the number of revolutions the net counter wheel will make before the duckbill will retract from the rolls.
4. Use the “+”’ (plus) or – (minus) keys to increase or decrease the value to obtain a range of a setting of 12–15.
5. Re–adjust these settings as required.
6. To advance to setup item 1, press the OPEN BOOK key.

OR

To exit the setup/diagnostic mode. press and hold the OPEN BOOK key for two seconds. The alarm will sound to indicate that the controller has been taken out of the setup/diagnostic mode and returned to normal operation.



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SECTION 60 - PRODUCT FEEDING

Chapter 1 - Wide Pickup with Stuffer – 1.8 M and 2.1 M

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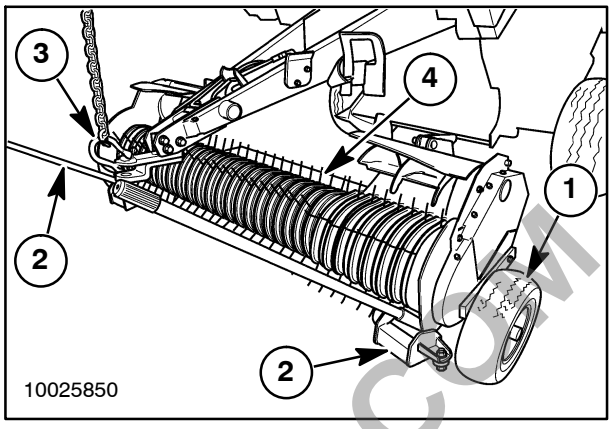
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Installation

Support the pickup on the gauge wheels, 1, and two floor jacks, 2. Lift the hitch, 3, up with a hoist and remove the jack.

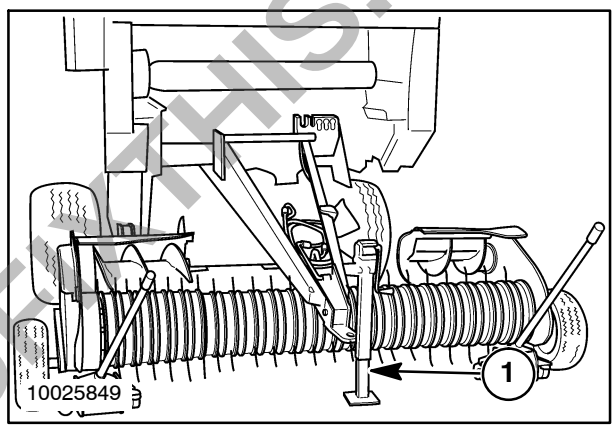
Roll the pickup close to the mounting position. Prop up the floor plate, 4, with a screw driver at the end.



16

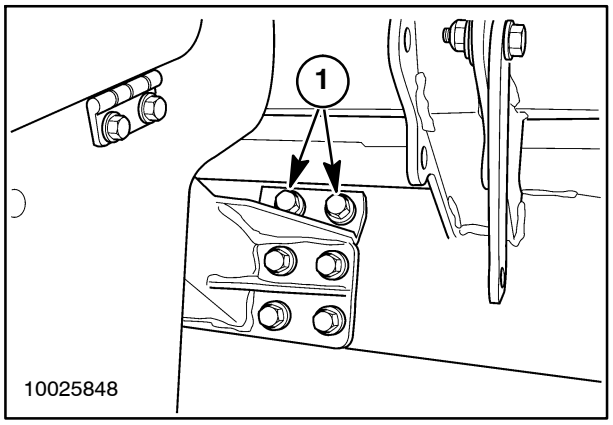
Install the baler jack, 1, and lower the hitch onto the jack.

Push the pickup back into position.



17

Install the six bolts in the right support. The top two bolts, 1, are shorter.



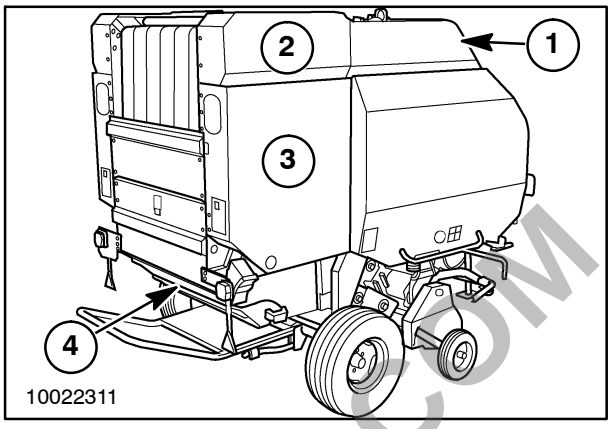
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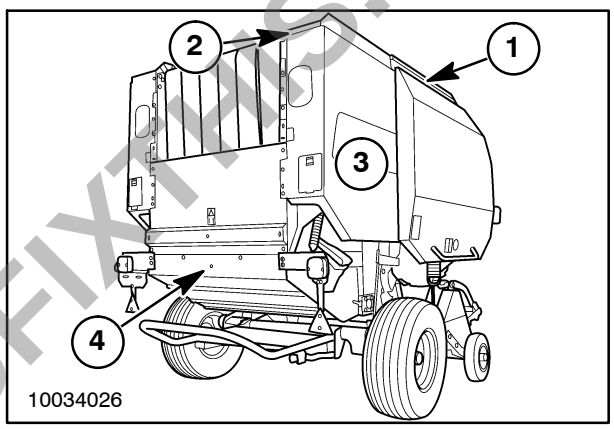
Removal

Remove the top side shields, 1, on each side of six foot diameter balers. Also remove the tailgate side shields, 2 and 3. Remove the lower tailgate shield, 4.



15

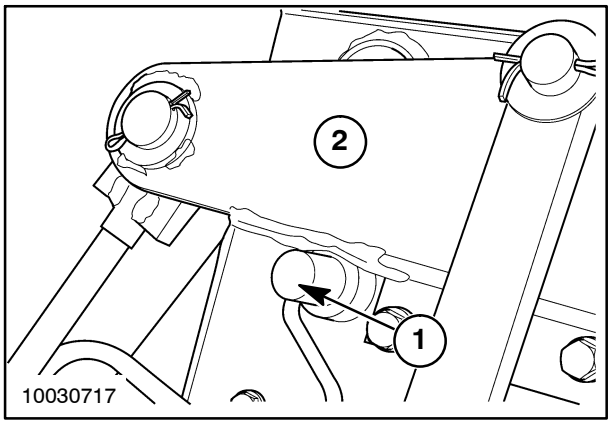
Remove the top shields, 1, on each side of five foot diameter balers. Also remove the tailgate side shields, 2 and 3. Remove the lower tailgate shield, 4.



16

Remove the tension from the belts. Open tailgate and engage the tension release pin, 1, under the tension arm, 2. Lower the tailgate past where the arm rests on the pin to give the belts some slack.

Leave the tailgate open enough to permit access to the inside of the tailgate.



17

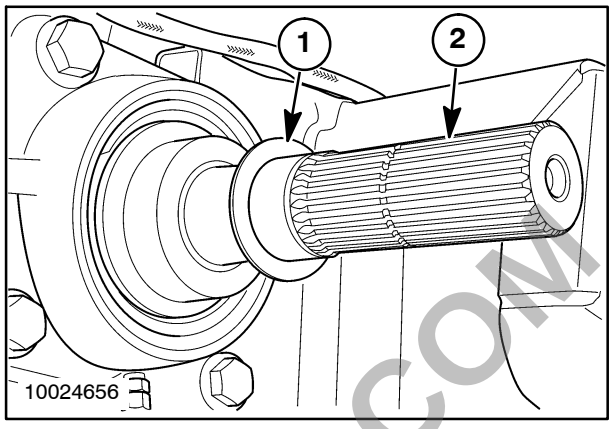
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RBX462 BALER

Replace any shims, 1, against the left locking collar.

Apply grease to the smooth part of the shaft and the spline, 2.



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Slide the sprocket, 1, on the shaft.

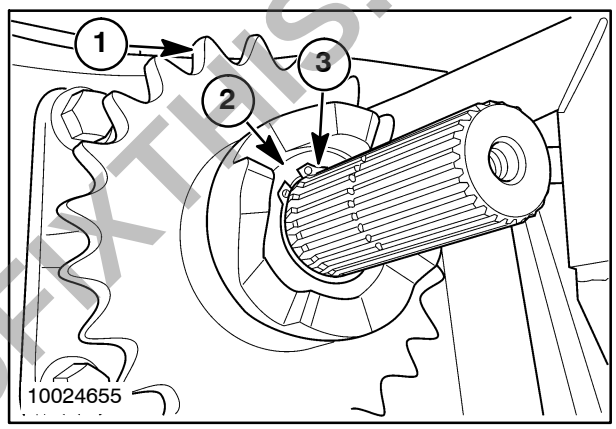
Add the same shims, 2, that were removed.

Make sure the distance between the sprocket hub and the retaining ring groove is filled with the maximum number of shims, 2. If there is more than 15 mm (0.06″), add another shim.

Install the retaining ring, 3.

Check that the sprockets and idlers are in line.

Place the drive chain on the sprocket.



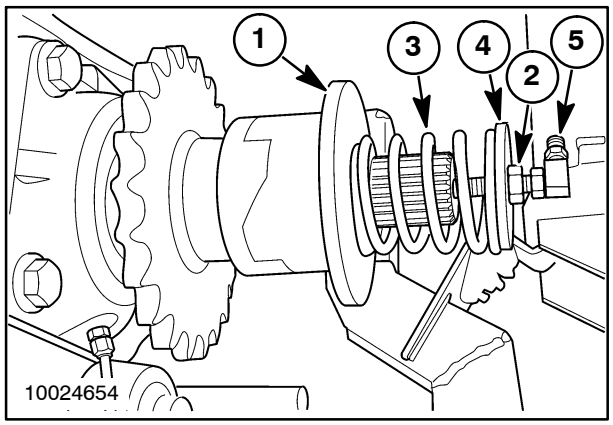
70

Slide on the outer clutch half, 1.

Apply Loctite to the threads of the special bolt, 2.

Assemble the spring, 3, special washer, 4, and bolt on the end of the shaft.

Install the grease line on the fitting, 5.

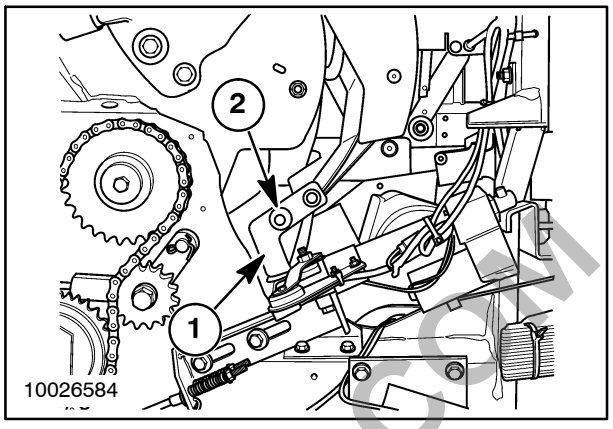


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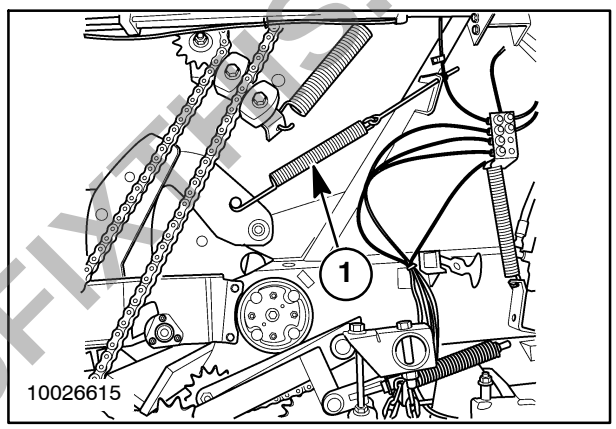
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Remove the knife assembly, 1, out the right side of the baler. Note the number of washers, 2, on each side of the shaft for assembly. The washers are used to center the knife in the baler.



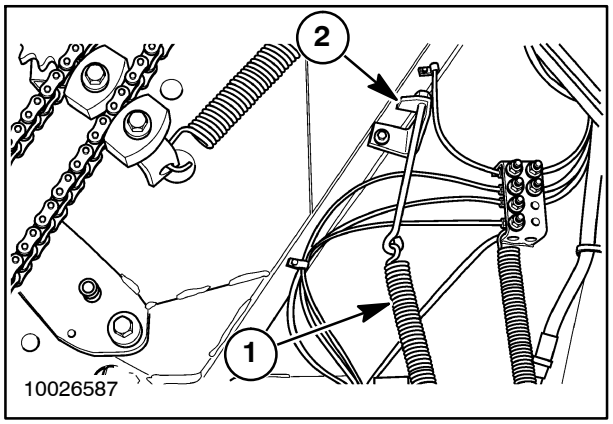
24

On the left side of the baler, remove the duckbill spring, 1.



25

Let the spring, 1, hang from the bracket, 2. Be careful of the grease lines.



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