RBX453, RBX463

Repair Manual

CE

6-71270EN

CASE

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

SECTION 00 - GENERAL INFORMATION

Chapter 1 - General Information

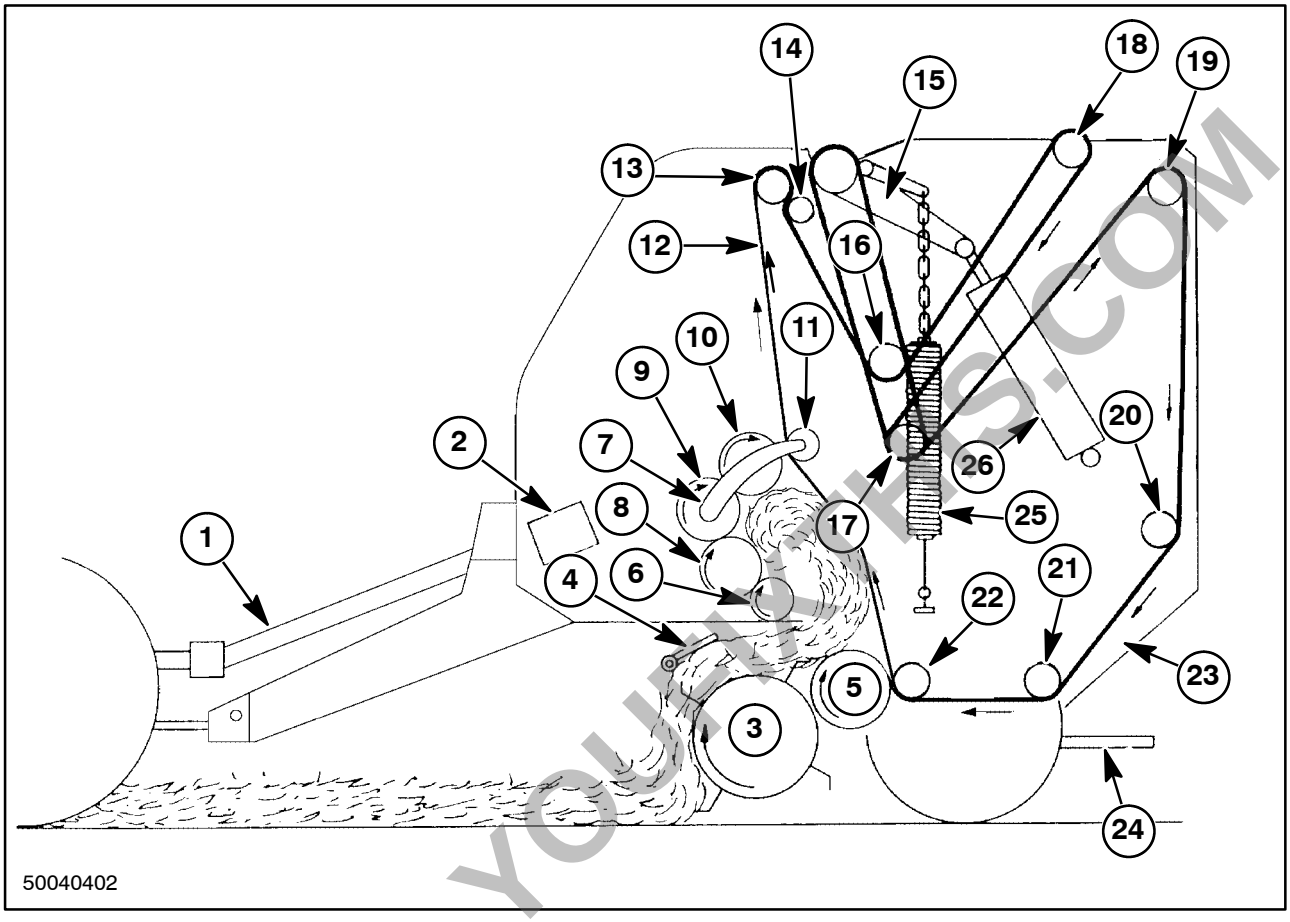
CONTENTS

Section	Description	Page
00 000	Introduction	2
	Precautionary Statements	3
	Safety	4
	Fluid Safety	6
	Safety Decals	7
	Information Decals	13
	Torques and Adjustments	14
	Technical Information	15
	Hardware Torque	16
	Retaining Compounds and Sealants	19
	Standard Torque Data for Hydraulic Tubes and Fittings	20
	Lubrication	22
	Recommended Lubricants	23
	Roller Chains	24
	Conversion Charts	26
	Ecology and the Environment	30
	Baler Components	31
	Power Flow – Baler with Stuffer	32
	Power Flow – Baler with Rotor	33
	Driveline Components Baler with Stuffer and Wide Pickup	34
	Driveline Components Baler with Rotor and Wide Pickup	35
	Specifications	36
	Storage and Seasonal Preparation	41

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

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 (RBX463 only)
22. Tailgate nose roll
23. Tailgate
24. Bale ramp
25. Belt tension spring(s)
26. Belt density cylinder(s)

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

TORQUES AND ADJUSTMENTS

TORQUES

Wheel bolts	156 Nm (115 ft.-lbs.)
19/45-17	380 Nm (289 ft.-lbs.)
Cam follower bearing	61 Nm (45 ft.-lbs.)
Pickup finger	15 Nm (133 in.-lbs.)
PTO on gearbox	142 Nm (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	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 Nm (500 to 567 ft.-lbs.)

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

SPECIFICATIONS

		RBX453	RBX463
		4 x 5	4 x 6
OVERALL DIMENSION			
Length (From hitch to end of bale ramp)	mm	4470	4775
	Inch	176	188
Width			
1.8 m pickup with 31x13.5-15 tire	mm	2400	2400
	Inch	94.5	94.5
1.8 m pickup with 19/45-17 tire	mm	2591	2591
	Inch	102	102
2.1 m pickup with 19/45-17 tire*	mm	2591	2591
* with pickup tires removed	Inch	102	102
Height			
Stuffer unit equipped with 31x13.5 tire	mm	2655	2884
	Inch	104.5	113.5
Stuffer unit equipped with 19/45-17 tire	mm	2680	2909
	Inch	105.5	114.5
Rotor unit equipped with 19/45-17 tire	mm	2752	2981
	Inch	108.3	117.4

			RBX453			RBX463		
			Twine	Net	Net-Twine	Twine	Net	Net-Twine
Weights								
1.8 m stuffer pickup	overall weight	Kg	2550		2590	2820	2840	2860
		Lbs	5620		5700	6200	6260	6305
2.1 m rotor pickup	overall weight	Kg		3060	3080		3360	3380
		Lbs		6740	6780		7400	7440
Tires								
31 x 13.5-15			X			X		
19/45 x 17			X			X		

		RBX453	RBX463
		4 x 5	4 x 6
DRIVELINE			
PTO	RPM	540	540
Main Gearbox Protection:	Std	1200 Nm slip clutch (885 ft. lb.)	1200 Nm slip clutch (885 ft. lb.)
	Rotor Unit	1700 Nm cut out clutch (1254 ft. lb.)	1700 Nm cut out clutch (1254 ft. lb.)
Sledge Protection:		677 - 767 Nm slip clutch (499 - 566 ft. lb.)	677 - 767 Nm slip clutch (499 - 566 ft. lb.)
Pickup Protection:		2820 Nm Shearbolt (2080 ft. lb.)	2820 Nm Shearbolt (2080 ft. lb.)

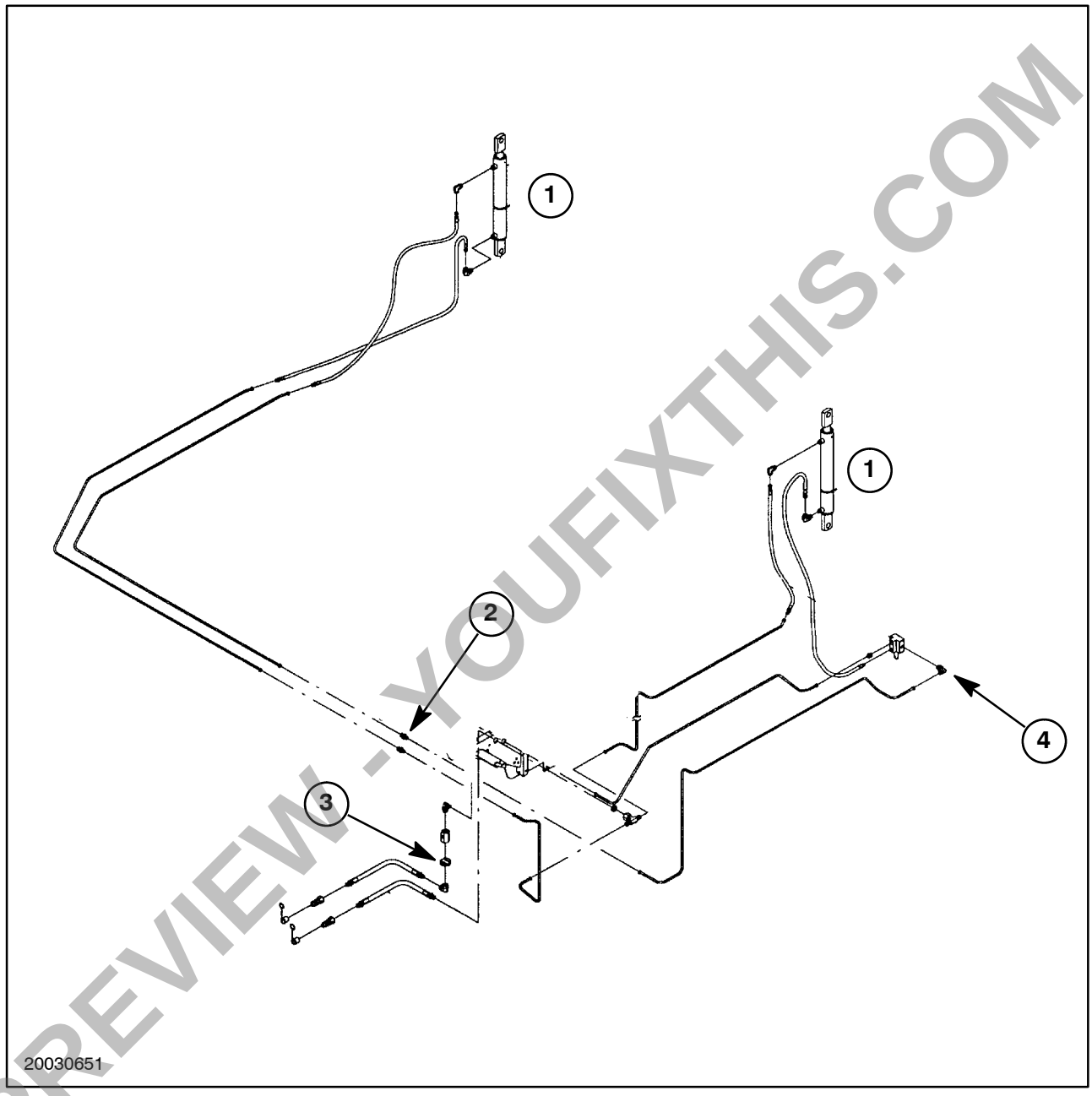
PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

DESCRIPTION OF OPERATION

Op. 35 550

TAILGATE LIFT SYSTEM



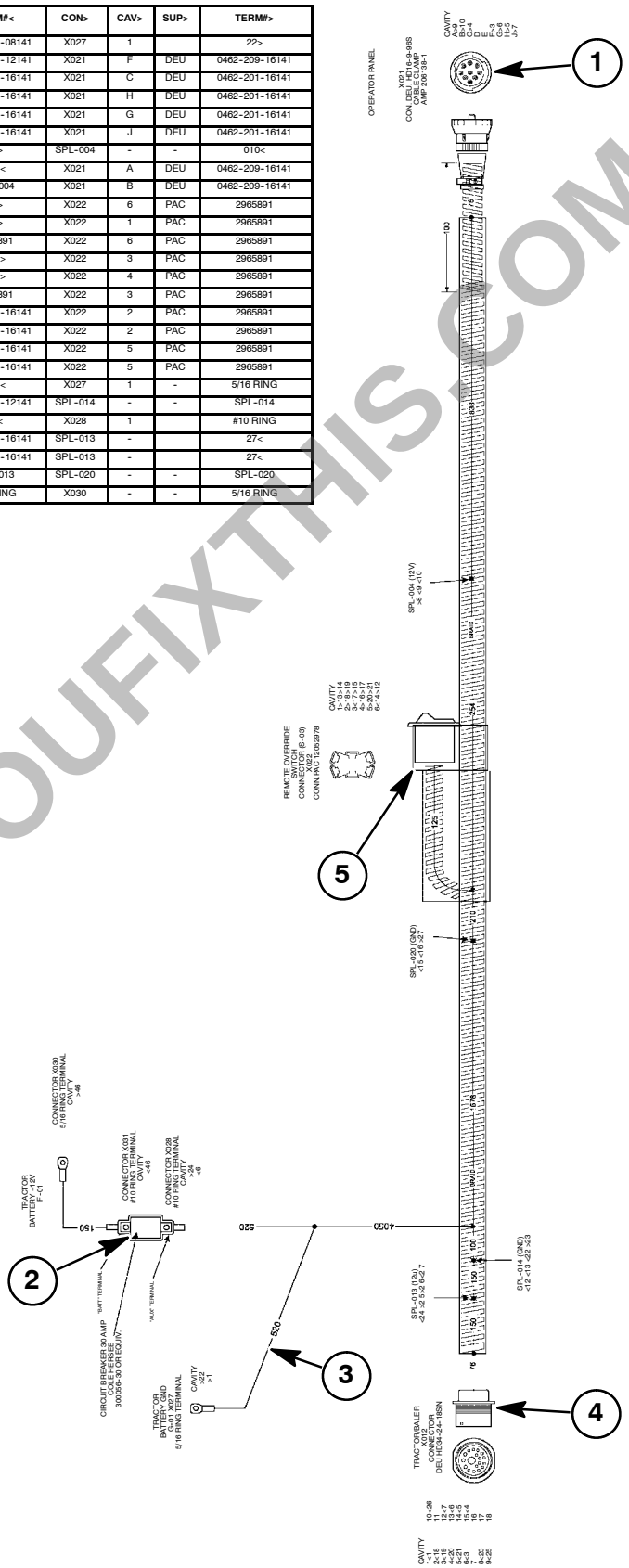
1

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.

PREVIEW - YOUFIXTHIS.COM
Download full manual at youfixthis.com

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



50030487

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

TROUBLESHOOTING

ERROR CODES

ERROR MESSAGE AT START-UP AND/OR WHILE OPERATING

NOTE: *When checking continuity between connector pins further apart than the 12 volt/ohmmeter leads will reach, use a jumper wire to common ground at the one pin and connect the 12 volt/ohmmeter leads to common ground and the other pin. Be sure to use the same common ground.*

The operator's panel will provide a visual and/or audible warning if the controller detects a problem. The malfunction can be either a problem with the operating sequence of the baling cycle or a circuit fault where the wire harness or component has failed. An "ERROR" message will be displayed. The pointer(s) on the display will flash when a problem is detected. When the "ERROR" message is displayed, the operator's panel will beep. The flashing pointer will indicate which circuit is experiencing a problem.

1. "Error and flashing Full Bale pointer
   - Problem with the Bale Size potentiometer circuit
2. "Error" and flashing TAILGATE pointer
   - Problem with Tailgate Sensor circuit
3. "Error" and flashing LEFT BALE SHAPE bars
   - Problem with the Left Bale Shape potentiometer circuit
4. "Error" and flashing RIGHT BALE SHAPE BARS
   - Problem with the Right Bale Shape potentiometer circuit
5. "Error" and flashing WRAP BALE/ACTUATOR pointer
   - Problem with the Net Wrap potentiometer circuit
   - Problem with the Net Counter wheel Sensor circuit
   - Problem with the Net Wrap actuator circuit.
   - Problem with the Twine Wrap potentiometer circuit
   - Problem with the Twine Wrap actuator circuit
6. Code Er 1
   - Net actuator stalled or lost power for longer than 5 seconds
   - Twine actuator stalled or lost power for longer than 5 seconds

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

TROUBLESHOOTING

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

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

STORAGE AND SEASONAL PREPARATION

STORAGE PROCEDURES

Perform the following steps when the baler will not be used for an extended period of time.

1. Cut the twine near the twine balls and remove all the balls from the twine boxes. Leave the twine end threaded in place. Move the twine balls to an inside location to reduce moisture absorption.
2. Remove the operators panel and store it in a dry safe location.
3. Clean the entire unit thoroughly.
4. Remove any material buildup on the belt rolls, wrapper area and in the twine boxes.
5. Remove any twine that has wrapped on the pick-up tines.
6. Lubricate the entire baler as recommended in the Lubrication Section. Apply lubricant to the threads of the adjustment bolts and to all the hinges.
7. Lubricate all the chains with oil and operate the baler for a few minutes to let the oil work into the chains. Carefully check all the bearings for any heat that would indicate a failed bearing.
8. Coat the exposed bare metal areas with a light coat of oil. Particularly the inside of the bale chamber side sheets.
9. Clean the belts of all oil and grease. Store the baler with the belts at normal tension.
10. Store the unit in a dry sheltered area, if possible. If not, cover the top with a tarpaulin or plastic.

ORDER REPAIR PARTS

While preparing the baler for storage, check the baler for any parts that may be worn or damaged and need replacement. Order the parts now and install them before the next baling season.

Always be sure to give your dealer the model and product identification number of your baler. The product identification number plate is located on the right side of the platform area.

Insist on genuine replacement parts. For best performance have your baler serviced by an authorized dealer.

REQUIRED PARTS LIST

1. Check the twine and net knives.
2. Examine all the V-belts, chains and sprockets for wear. Replace worn sprockets when installing new chains. Always install new chain when replacing sprockets.
3. Inspect the hitch for excessive wear.
4. Order all the bearings that were found to require replacement during the storage procedure.
5. Check all the bushings for wear.
6. Examine the wrapper systems and check for excessive wear or looseness.
7. Note any broken or bent pickup tines or severely damaged guards.
8. Make sure the pickup cam bearings are in good condition.
9. Check the belts. Order new belts or repair sections as required. Check the belt lacing, if there is any.
10. Check the tailgate lights.
11. Is the supply of shearbolts adequate?

SEASONAL BALER PREPARATION

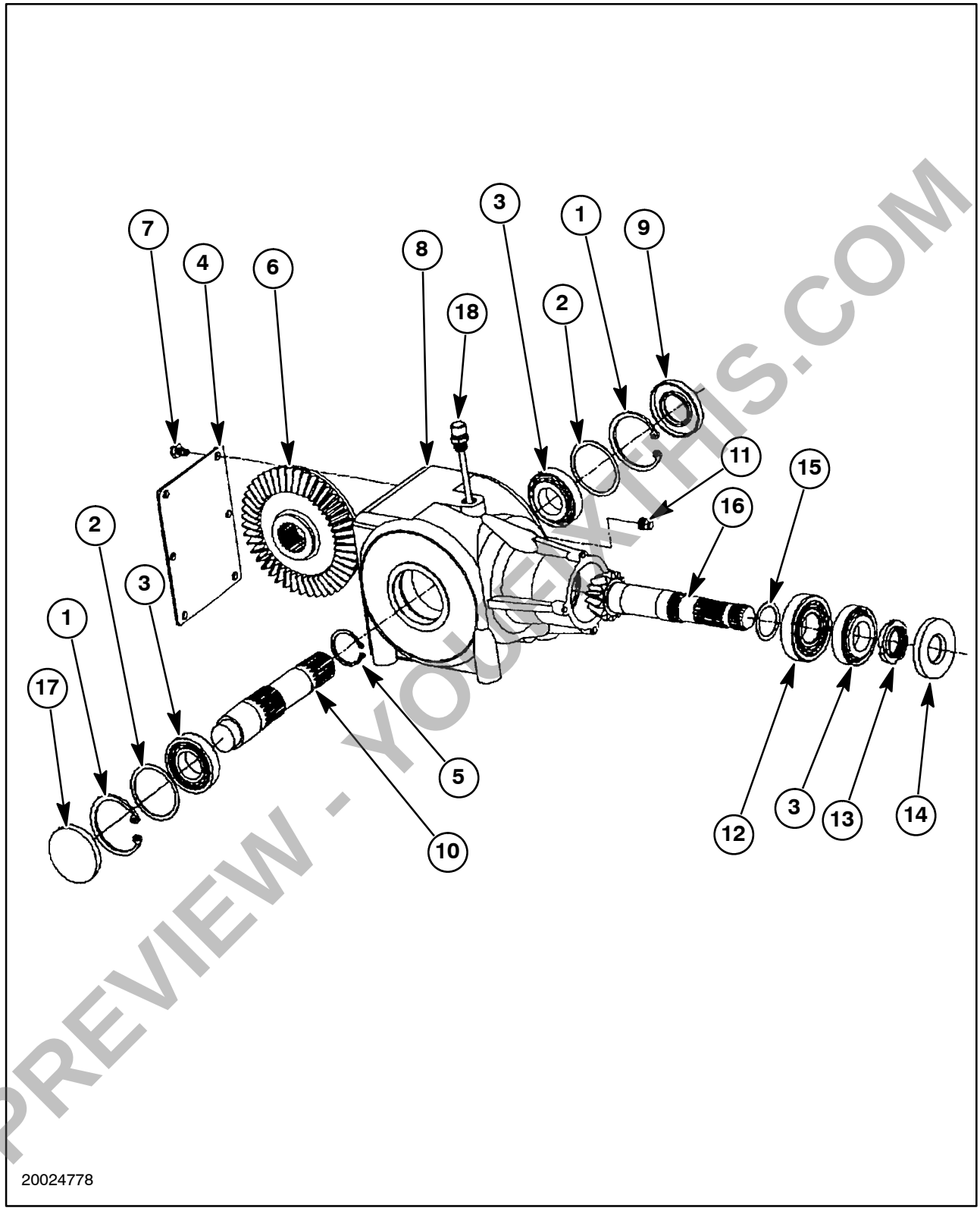
1. Make all the repairs that were required from the end of season inspection.
2. Torque the wheel lug bolts to 156 Nm (115 ft.-lbs.). Torque the wheel lug nuts to 380 Nm (280 ft.-lbs.).
3. Check the tire air pressure:

Baler -	31-13.5-15	8 ply	234 kPa	(34 PSI)
	19/45-17	10 ply	220 kPa	(32 PSI)
Pickup -	4.8-4-8	4 ply	104 kPa	(15 PSI)
	16.5 x 6.5-8	4 ply	240 kPa	(35 PSI)

4. Check for loose hardware and hydraulic fittings.
5. Check the routing of the hydraulic hoses and electrical cables.
6. Set the pickup flotation to 23 kg (50 lbs.) with a hitch height of 380 mm (15″) on 1.8 m and 2.1 m wide pickups.
7. Lubricate the entire machine and check the gearbox oil level.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com



61

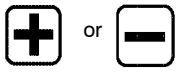
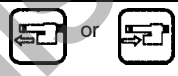
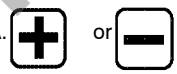
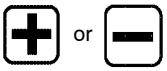
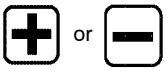
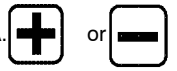
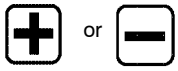
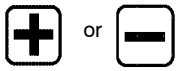
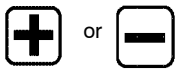
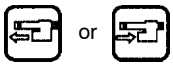
PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

NET-TWINE WRAPPER DIAGNOSTIC MODE QUICK REFERENCE CARD

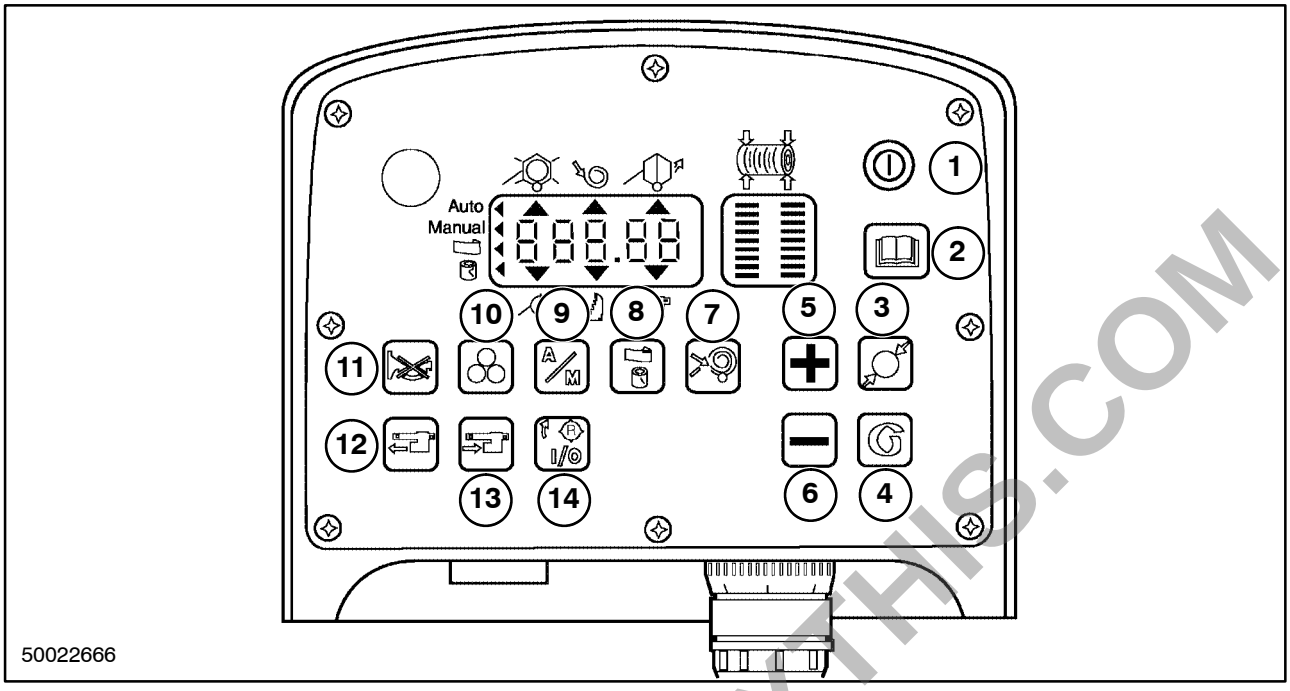
Round Balers RBX453, RBX463

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		 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		 Press
3	Select configuration A. Not used B. Rotor/cutter feeder functions	B. Flashing "3" and flashing pointer and a symbol "=o"	A.  B.  Press and hold for 3 seconds	 Press
4	Not used			 Press
5	Bale shape alarm off/on	Bottom bale shape bars flashing and "on" or "off"		 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.  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)		 Press
8	Standard/metric configuration	Flashing "8" and USA (standard) or Eur (metric)		 Press
9	Model number configuration	Flashing "9" and model number		 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	 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

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com



10

OPERATOR'S PANEL KEYS (FUNCTION)

Touch-sensitive keys are located beside and below the display windows to allow the operator to control the system. Each key is marked to indicate its function.

Any time one of the touch-sensitive keys is depressed, an audible signal (beep) will sound to alert the operator that the signal was recognized by the controller.

A brief description of the function of each key follows:

NOTE: *Refer to "Operator's Panel Keys - Operation" later in this section for detailed instructions for using each key.*

1. ON/OFF - Used to turn the Net-Twine Wrapper system on or off.
2. OPEN BOOK SYMBOL - Used to place the system in the setup/diagnostic mode.
3. BALE SIZE - Used to display or change the preset full bale size.
4. NUMBER WRAPS - Used to display or change the amount of twine or net to be wrapped on the bale.
5. + (PLUS) - Used with the BALE SIZE and NUMBER WRAPS keys to increase the bale size or number of wraps.
6. – (MINUS) - Used with the BALE SIZE and NUMBER WRAPS keys to decrease the bale size or number of wraps.
7. WRAP - Used to manually start a wrap cycle.
8. NET/TWINE - Used to select between wrapping the bale with net or twine.
9. AUTO/MANUAL - Used to select between automatic and manual operation of the system.
10. BALES - Used to display the daily and total bale counts.
11. CLEAR - Used to cancel the audible alarm and error display message and also to clear the daily bale count.
12. EXTEND - Used to manually extend the net or twine actuator.
13. RETRACT - Used to manually retract the net or twine actuator.
14. ROTOR CUTTER / FEEDER ON/OFF – If Rotor Cutter/Feeder is selected, the button will energize or de-energize the rotor reverser solenoid valve.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

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

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

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.

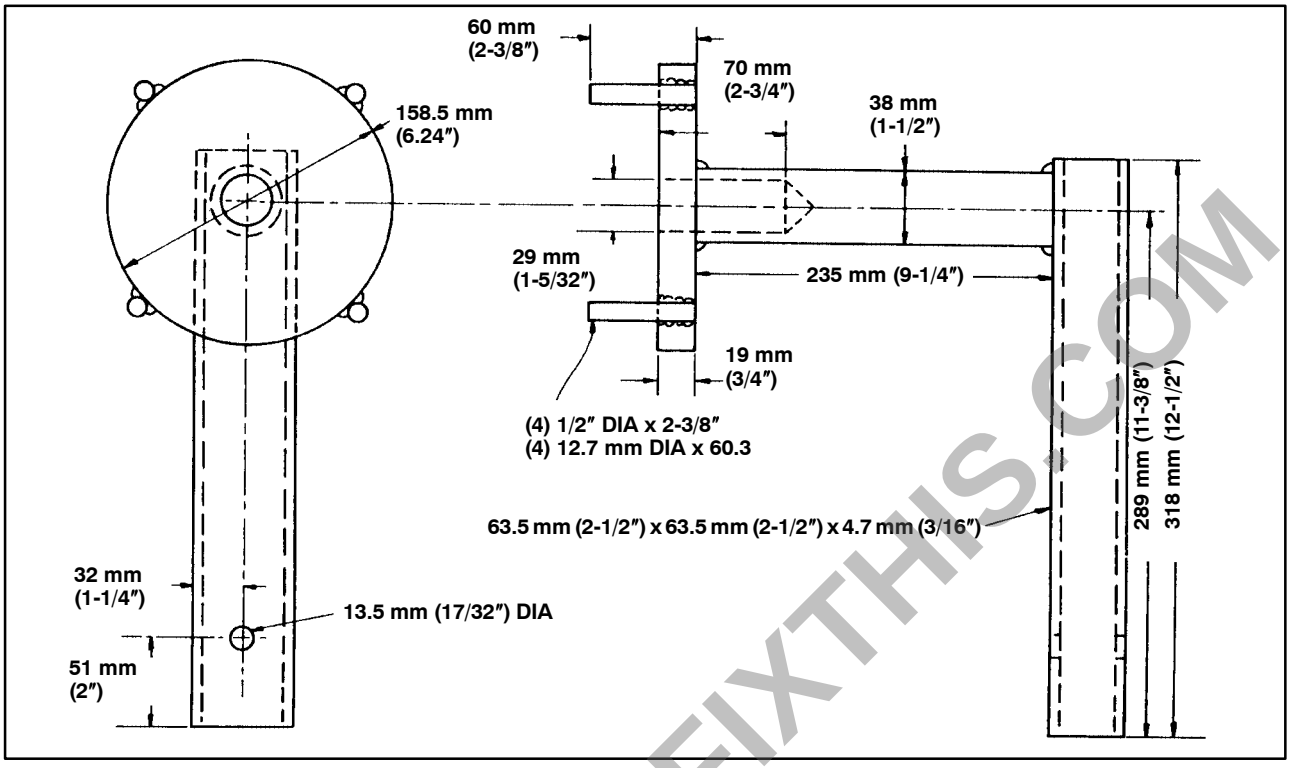
All data and illustrations in this manual are subject to variations in build specification. The description and specifications were correct at the time of issue, but company policy is one of continuous improvement. The company reserves the right to change specifications, equipment, or design at any time,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

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

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Sledge Roll Clutch Tool



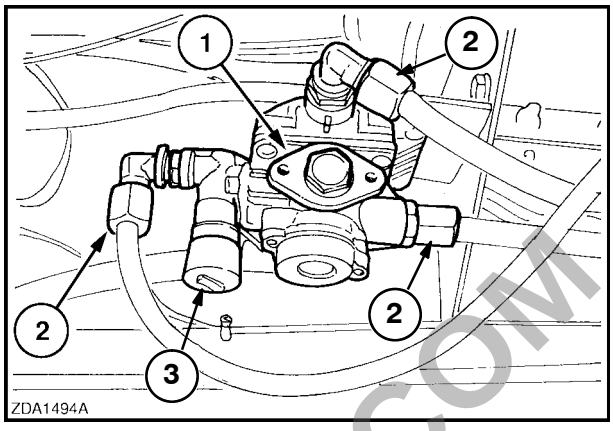
4

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

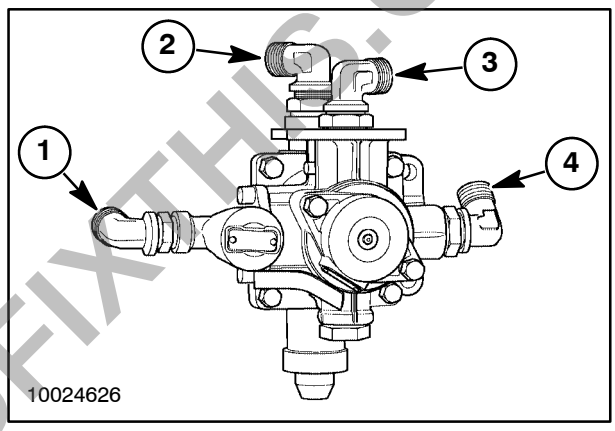
Disassembly

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



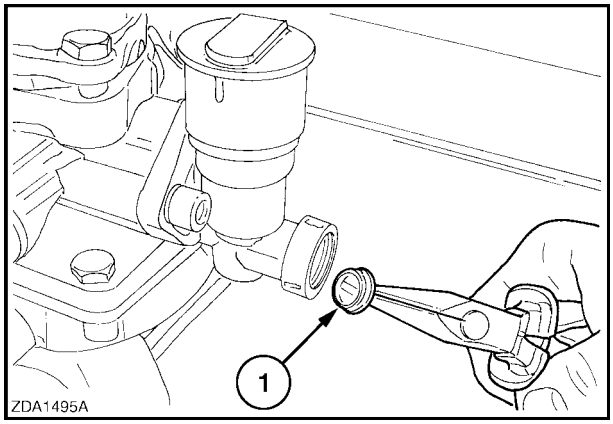
3

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



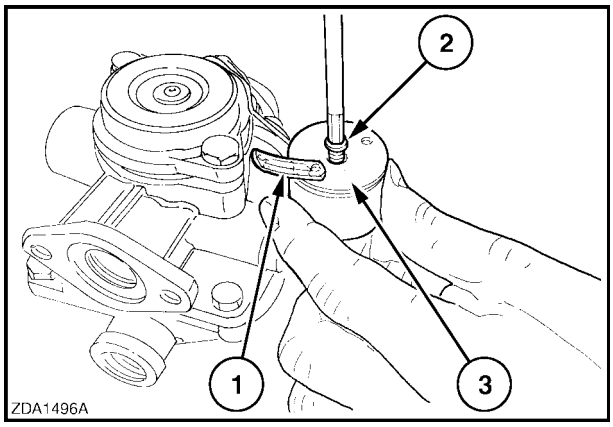
4

Remove filter, 1.



5

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



6

PREVIEW - YOUFIXTHIS.COM

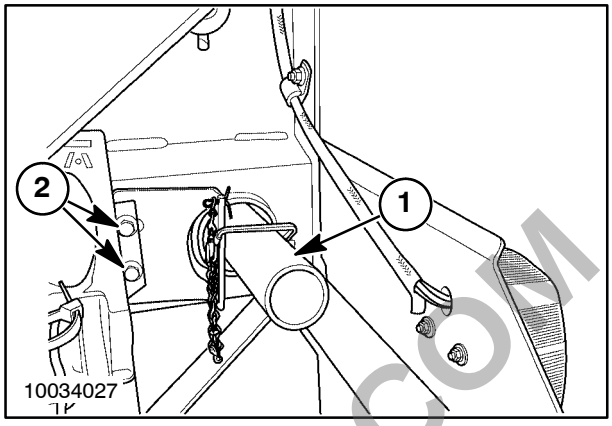
Download full manual at youfixthis.com

If the baler has a rotor, remove the reversing pipe, 1.

Take out the two bolts, 2, on each side of the wheel chock mounting.

Remove all the shield mounting brackets from the left side.

Remove the light bracket, wheel chock mounting and shield brackets on the right side of the tailgate. Keep the parts together.

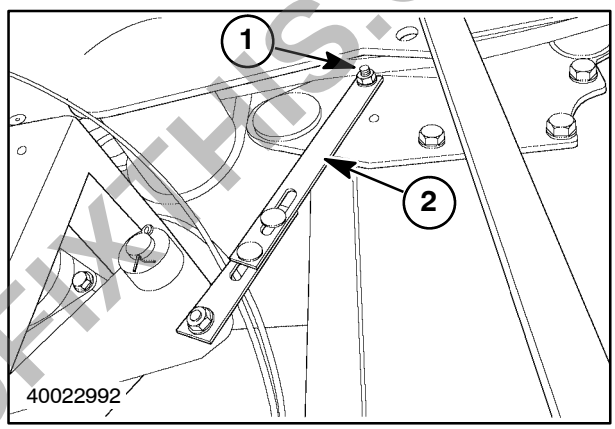


34

Take out the bolt, 1, near the left tailgate pivot that holds a wire clamp (not shown) and the declutch link, 2.

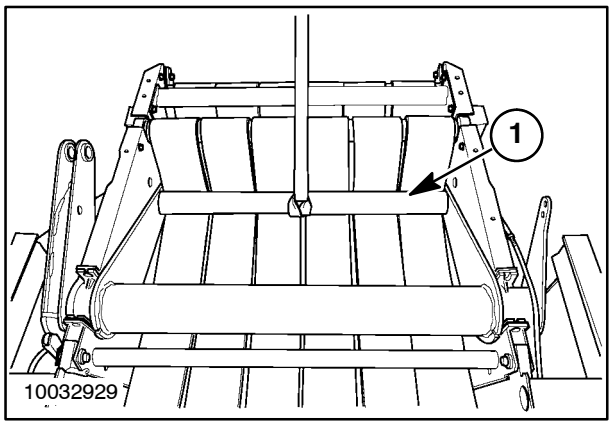
Put the bolt back in the link with all the loose parts.

Let the link and wire harness hang from the main frame.



35

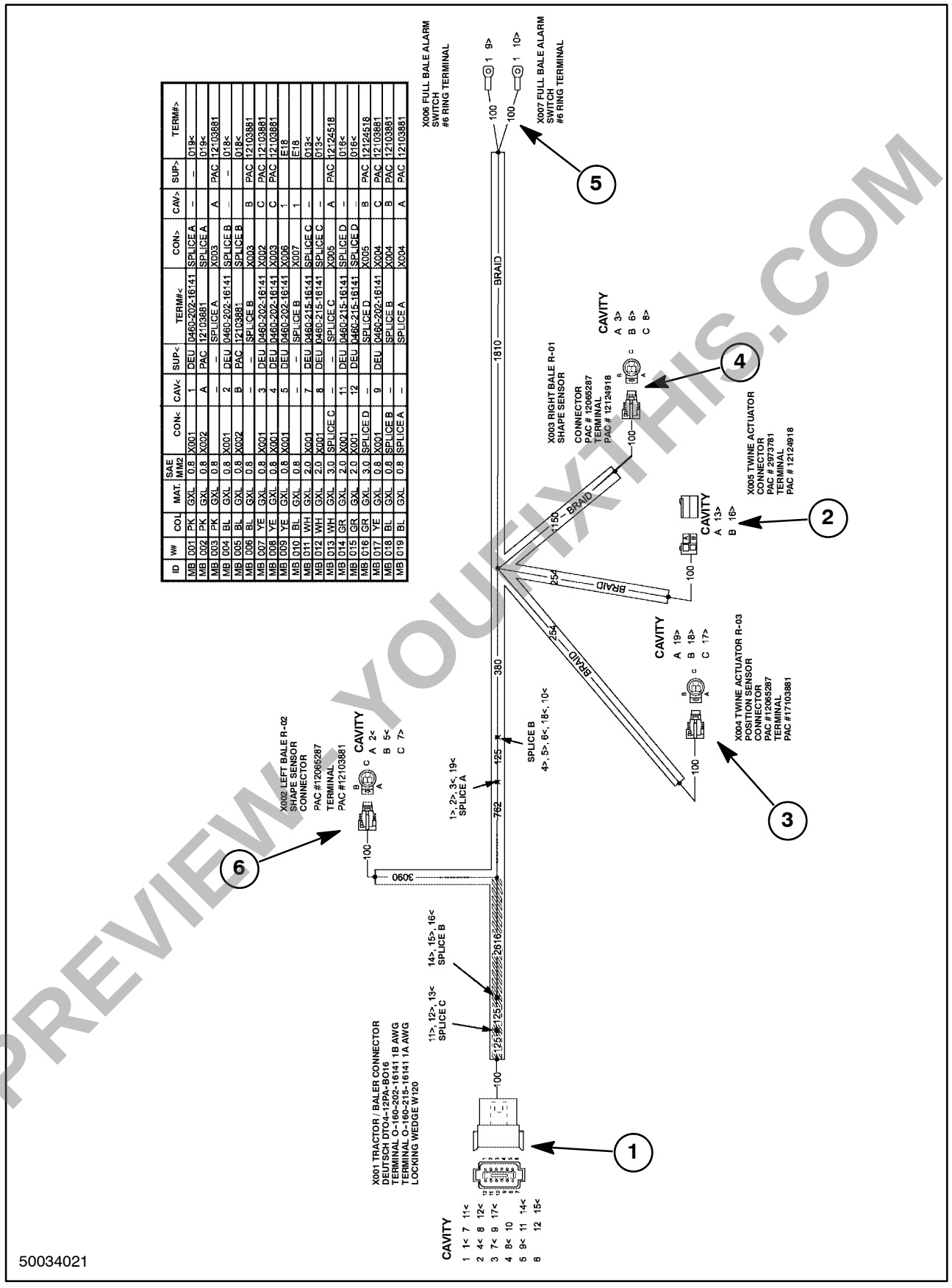
Lift one of the take-up rollers, 1.



36

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com



ID	W#	COL	MAT.	SAE MM2	CON<	CAV<	SUP<	TERM#<	CON>	CAV>	SUP>	TERM#>
MB	001	PK	GXL	0.8	X001	1	DEU	0460-202-16141	SPLICE A	–	–	019<
MB	002	PK	GXL	0.8	X002	A	PAC	12103881	SPLICE A	–	–	019<
MB	003	PK	GXL	0.8	–	–	–	SPLICE A	X003	A	PAC	12103881
MB	004	BL	GXL	0.8	X001	2	DEU	0460-202-16141	SPLICE B	–	–	018<
MB	005	BL	GXL	0.8	X002	B	PAC	12103881	SPLICE B	–		018<
MB	006	BL	GXL	0.8		–	–	SPLICE B	X003	B	PAC	12103881
MB	007	YE	GXL	0.8	X001	3	DEU	0460-202-16141	X002	C	PAC	12103881
MB	008	YE	GXL	0.8	X001	4	DEU	0460-202-16141	X003	C	PAC	12103881
MB	009	YE	GXL	0.8	X001	5	DEU	0460-202-16141	X006	1		E18
MB	010	BL	GXL	0.8		–	–	SPLICE B	X007	1		E18
MB	011	WH	GXL	2.0	X001	7	DEU	0460-215-16141	SPLICE C	–		013<
MB	012	WH	GXL	2.0	X001	8	DEU	0460-215-16141	SPLICE C	–		013<
MB	013	WH	GXL	3.0	SPLICE C	–	–	SPLICE C	X005	A	PAC	12124518
MB	014	GR	GXL	2.0	X001	11	DEU	0460-215-16141	SPLICE D	–		016<
MB	015	GR	GXL	2.0	X001	12	DEU	0460-215-16141	SPLICE D	–		016<
MB	016	GR	GXL	3.0	SPLICE D	–	–	SPLICE D	X005	B	PAC	12124518
MB	017	YE	GXL	0.8	X001	9	DEU	0460-202-16141	X004	C	PAC	12103881
MB	018	BL	GXL	0.8	SPLICE B	–	–	SPLICE B	X004	B	PAC	12103881
MB	019	BL	GXL	0.8	SPLICE A	–	–	SPLICE A	X004	A	PAC	12103881

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

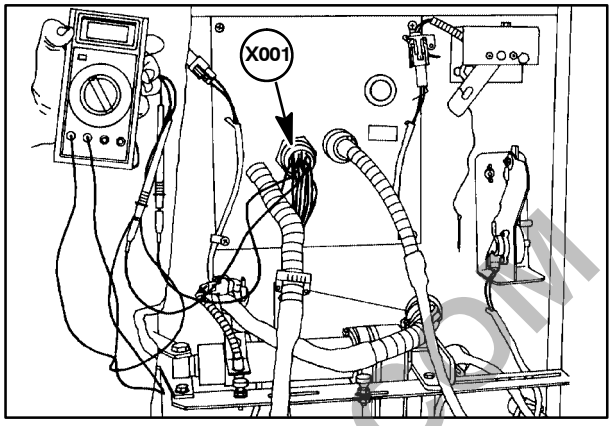
Use a 12 volt/ohmmeter to verify energized conditions.

5. Behind connector XOO1, connect the 12 volt meter leads between pin 9 and pin 3, XOO1.

There will be no volts between the pins if the Electronic Control Unit is good.

6. Behind connector XOO1, connect the 12 volt meter leads between pin 9 and pin 15, XOO1.
7. Behind connector XOO1, connect the 12 volt meter leads between pin 15 and pin 3, XOO1.

There will be 5 volts (plus or minus 0.5 volts) if the Electronic Control Unit is good.

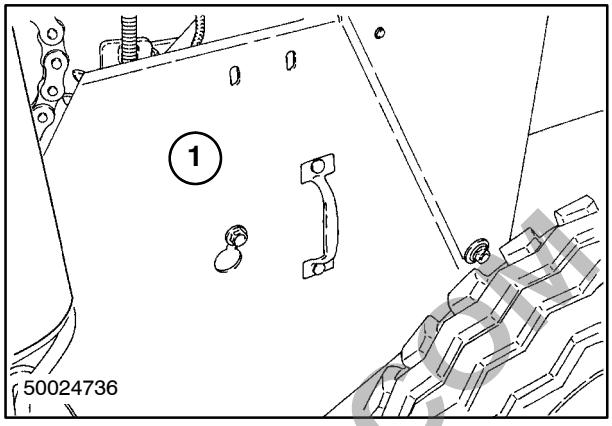


77

PREVIEW - YOUFIXTHIS.COM

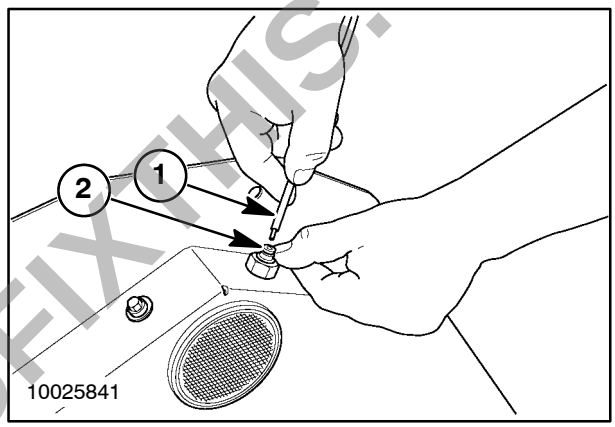
Download full manual at youfixthis.com

Open the left pickup drive shield, 1.



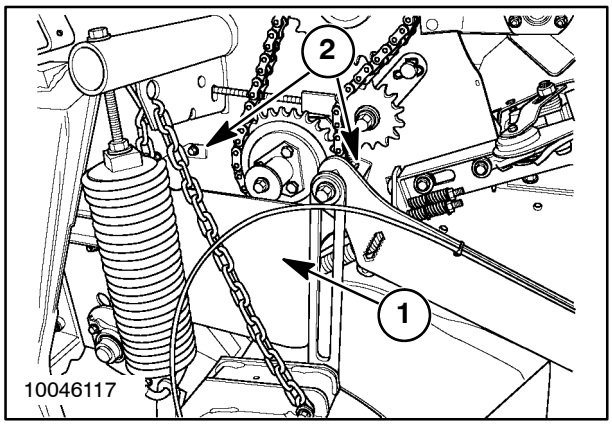
4

If the baler is equipped with an oiler, remove the oil lines, 1, on the pickup by pushing the locking sleeves, 2, in and pulling the tubes out.



5

To remove the floor roll shield, 1, remove the two hex head bolts, 2, and the washers.

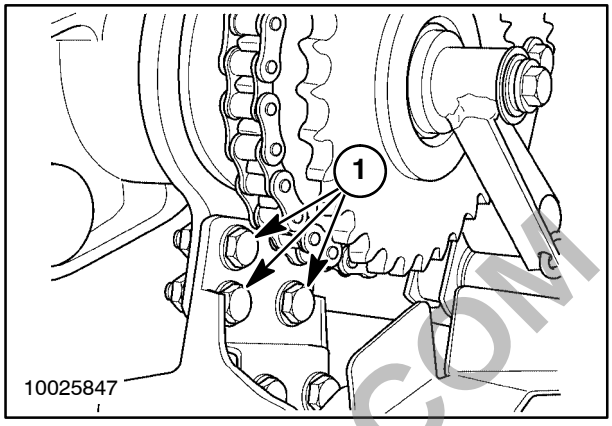


6

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

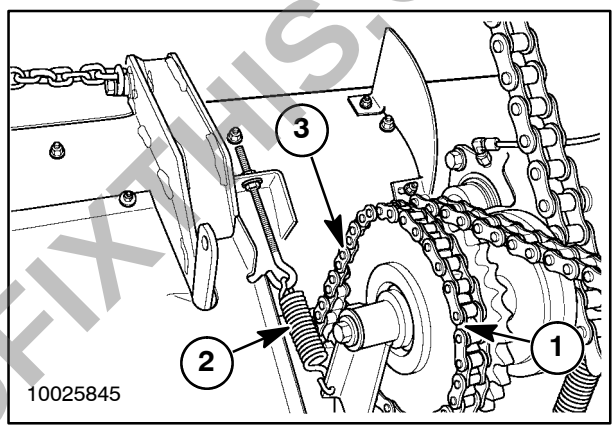
Install the four bolts, 1, on the left pickup mount.



19

Install the drive chain, 1.

Assemble the idler spring. Adjust the idler spring, 2, to obtain 0 to 16 mm (0 to 5/8″) deflection at the center of the chain span, 3.



20

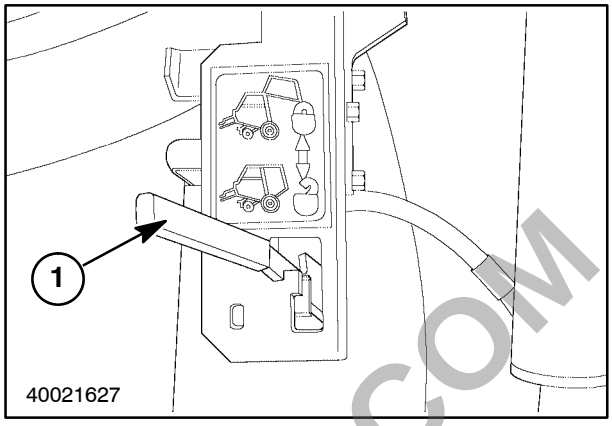
PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Apply tailgate lock, 1.

DANGER

Be sure the tailgate lockout valve is in the locked position before working under the tailgate. Never work under a raised tailgate before engaging the lockout valve. Failure to comply will result in death or serious injury.

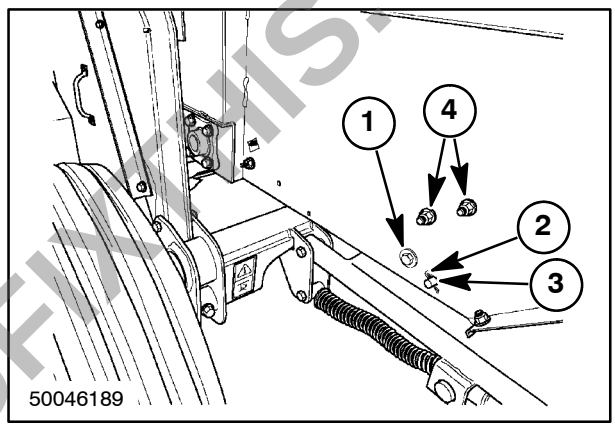


18

On a RBX463, remove the bolt, 1, on each side of the baler and slide the roll out of the tailgate. The RBX453 does not have this roll.

Take out the cotter pin, 2, on one end of the rod, 3, and pull the rod out of the belt guide.

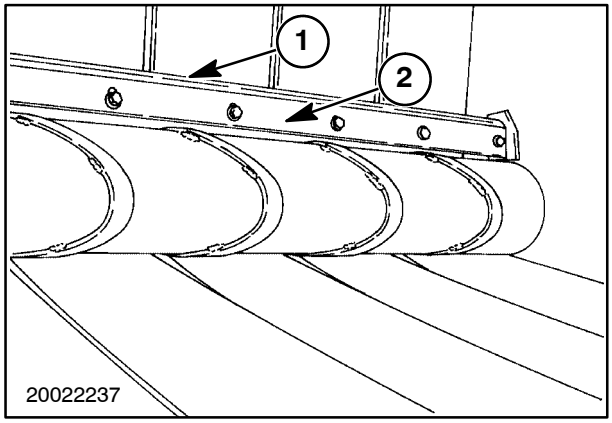
Remove the two bolts, 4, on each side and take out the belt guide with dividers.



19

Remove the nose roll scraper mounting, 1.

To remove the bolts on the end may require loosening the scraper, 2, from the mount.



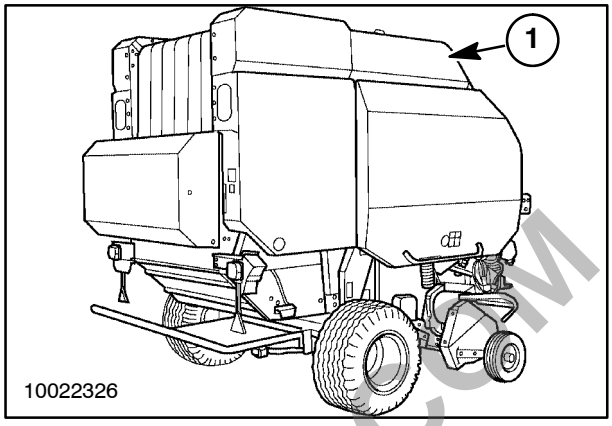
20

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Model RBX463

Install the top side shields, 1, on each side of the baler.

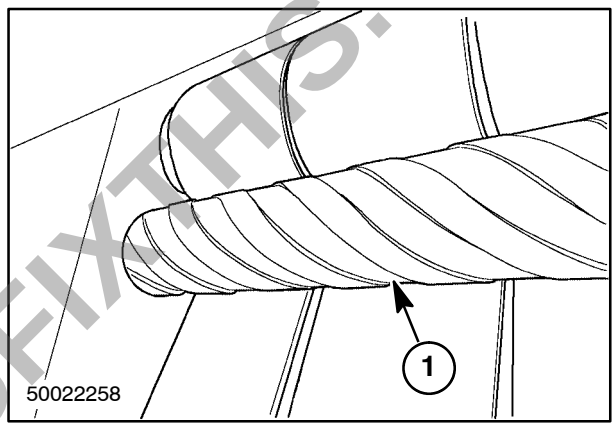


77

Op. 62 140

BACKWRAP ROLL

The backwrap roll has a spiral rubber covering, 1.

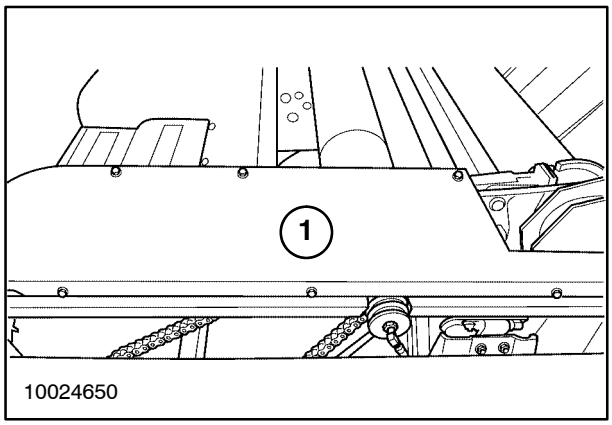


78

Removal

Model RBX453

The ends of the backwrap roll are accessible by opening the side doors. If more room is desired, remove the top side shields, 1, and the doors. See Section 90, Chapter 1.

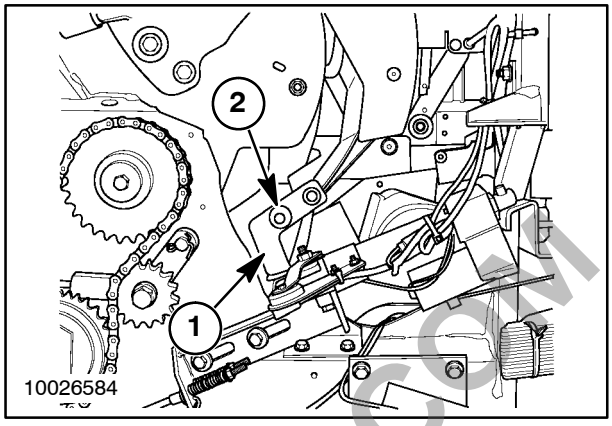


79

PREVIEW - YOUFIXTHIS.COM

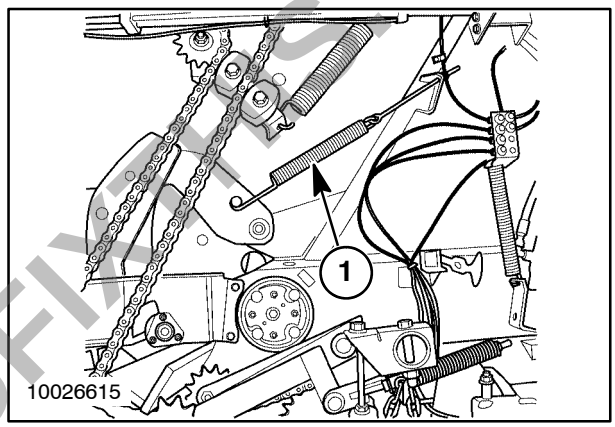
Download full manual at youfixthis.com

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.



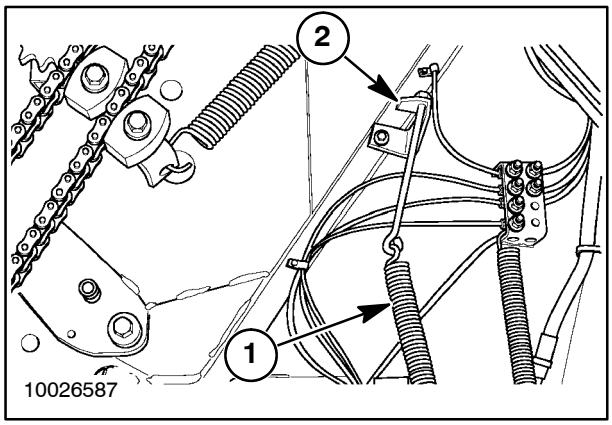
24

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.



26

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

PREVIEW ONLY

You're viewing 25 of 962 pages

The full manual includes:

- All 962 pages, complete
- Searchable PDF (find any keyword)
- No watermarks
- Instant download
- Print-ready quality

GET FULL MANUAL NOW

Case IH RBX453, RBX463 Repair Manual

Scan or click anywhere
youfixthis.com

Click anywhere on this page to get the full manual