RBX452, RBX462 Round Balers

Operator's Manual

87047177

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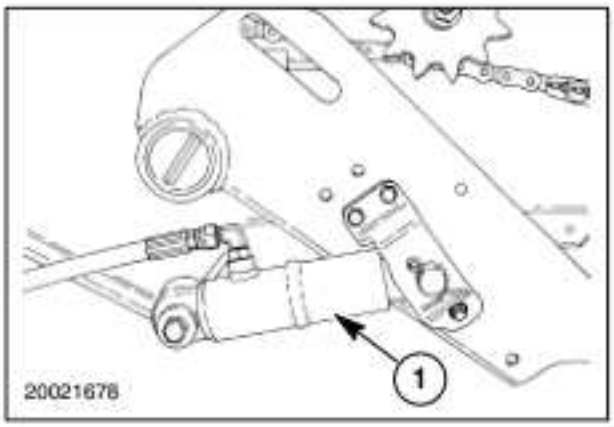
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BALER SETUP

PICKUP SETUP

Hydraulic Lift

For field operation, lower the pickup with the tractor hydraulic lever. Retract the cylinder, 1, to the end of it's stroke. Hook the limit chains in the last link.

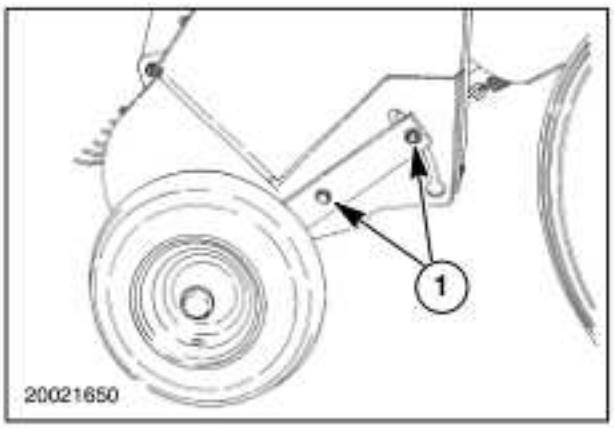


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Height Adjustment

Move the baler to a flat location. Adjust the pickup gauge wheels. The preferred clearance between the tips of the pickup teeth and the ground is 31 mm (1.25"). The minimum clearance is 25 mm (1"). Make sure to check the distance with the tips of the pickup teeth at the lowest position. In uneven or stony ground conditions adjust the gauge wheel lower to provide more clearance between the ground and pickup teeth.

To adjust the gauge wheels, loosen both bolts, 1, rotate the gauge wheel to the desired position. Tighten the bolts. Make sure both wheels are set for the same height.



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Floatation Adjustment

Adjust the pickup floatation spring to carry as much of the pickup weight as possible without bouncing excessively and leaving crop in the field.

IMPORTANT: *If the floatation is too heavy, damage to the pickup may occur.*

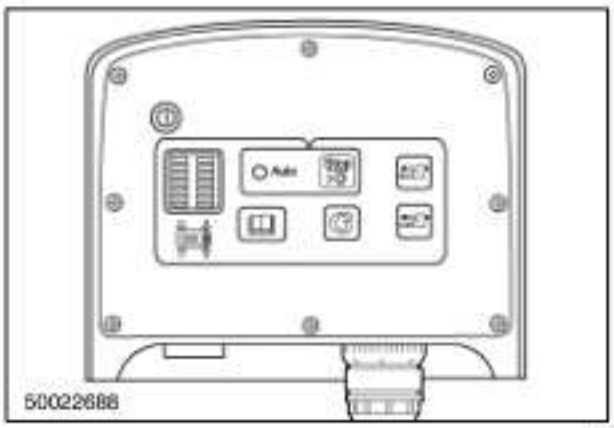
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Silage bales are much heavier than hay bales. If silage bales are to be made, the size should be further reduced to keep the bale weight below the maximum weight the balers were designed for. The bale size can be increased after weighing some bales. The maximum bale weight is:

RBX452	816 kg (1800 lbs.)
RBX462	910 kg (2000 lbs.)

Number of Twine Wraps

There are four pre-programmed twine wrap patterns each based on the width and diameter of the bale determined by model baler. The number of wraps are shown in the table for each model. The wrap pattern includes two starting and two ending wraps. The pattern is based on time, at full bale diameter, at full PTO speed, per width of the bale. Therefore the wrap pattern will vary if the size of the bale, speed of the baler or model selected is changed.



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Number Wraps Table		Number of Wraps			
Model	Bale Size	Pattern 1	Pattern 2	Pattern 3	Pattern 4
RBX452	4x5	10	14	18	22
RBX462	4x6	10	14	18	22

NOTE: *The table shows the approximate number of twine wraps if full size bales are made at PTO speed. The number of wraps will increase as the bale size is decreased. The number of wraps will decrease if the PTO speed is decreased.*

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LUBRICATION SCHEDULE

Lubrication fittings and points	Maximum hourly interval	
	8 hours daily	50 hours weekly
DRIVELINE		
1. Front PTO U-joint	X	
2. Equal angle ball and plate (16 - 20 pumps)	X	
3. PTO U-joint behind equal angle	X	
4. PTO front shield	X	
5. PTO slide	X	
6. PTO rear shield	X	
7. Rear PTO U-joint	X	
8. Shearbolt hub (standard RBX452)		X
9. Gearbox output shaft		X
TWINE WRAP		
10. RH Twine tube pivot	X	
11. LH Twine tube pivot	X	
12. Actuator arm pivot		X
13. Twine knife shaft		X
DRIVES		
14. Driveshaft bearing	X	
15. Pickup over-run clutch		X
16. Wide pickup jaw clutch		X
PIVOTS		
17. LH Sledge pivot	X	
18. RH Sledge pivot	X	
19. LH Rotor knife insertion shaft		X
20. LH Rotor shaft (fitting not on shaft)*	X	
21. RH Rotor shaft (fitting not on shaft)*	X	
22. RH Rotor knife insertion shaft		X
23. RH Rotor dog pivot*		X
NET WRAP		
24. RH duckbill pivot	X	
25. Net knife trip cam follower bearing		X

* Lubrication fitting at remote location.

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Jack the unit up in this area.

Part #84078384

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WARNING: Retract knife to home position before threading net or servicing machine.

Part #87037743

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