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MANUAL PREVIEW

New Holland

Operator's Manual

851

Round Baler

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CAUTION!

SOME PICTURES IN THIS MANUAL SHOW SAFETY SHIELDS REMOVED OR OPEN TO SHOW PARTS BEING SERVICED OR FOR CLARITY. ALL SHIELDS SHOULD BE CLOSED OR REPLACED PRIOR TO OPERATING THE MACHINE.

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FIGURE 11



CAUTION!

CAUTION: SEVERAL PICTURES IN THIS MANUAL SHOW PROTECTIVE SHIELDING REMOVED TO BETTER ILLUSTRATE A PARTICULAR FEATURE OR ADJUSTMENT.

BE CERTAIN, HOWEVER, TO REPLACE ALL SHIELDING BEFORE RUNNING THE MACHINE.

STARTING THE BALER

1. Threading the Baler with Twine

Manual or Hydraulic

Place two to four balls of twine in twine box, thread through loop, A, and guides, B, Figure 11. Continue threading twine through the twine arm. **NOTE: Allow 20" (508 mm) of twine to protrude from the end of the twine feed arm as shown. Failure to do this will result in difficult starting of the twine wrapping process.**

NOTE: The easiest method of threading the twine through the feed arm is to insert a wire through the arm, hook the twine with the wire and then pull the twine out through the end of the feed arm.

Auto-Wrap

Place two to four balls of twine in each twine box and thread through the front of the guides on the inside top of the twine boxes. Thread a twine through the

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SAFETY SHIELDS REMOVED FOR CLARITY.

FIGURE 32

PICK-UP GAUGE WHEELS

The pick-up gauge wheels should be adjusted so the pick-up teeth clear the ground a minimum of 1" (25 mm). In uneven or stony ground conditions, the gauge wheels should be adjusted lower to provide more clearance between the ground and pick-up teeth.

To adjust the pick-up teeth, loosen cap screws, E, Figure 33, and reposition the bracket to provide the desired ground to pick-up teeth clearance. Tighten cap screws. Repeat the procedure on the opposite side adjusting the remaining pick-up wheel to the same location as the other pick-up wheel for uniform loading.



FIGURE 33

PICK-UP DRIVE BELT

The pick-up drive belt, A, is properly adjusted when a spring length of 5½" (140 mm) is measured at B, Figure 32. Adjust eye bolt, C, as required to obtain this measurement. Measure from inside of hook to inside of hook.

PICK-UP DRIVE CHAIN

The pick-up drive chain is adjusted properly when the upper chain span deflects ½" (13 mm) with a 20 lb. (89 N) force applied to the chain. To adjust, loosen the idler mounting bolt, D, Figure 32, and move the idler block up or down until the adjustment is correct. Retighten mounting bolt.



FIGURE 33 A

OPTIONAL EQUIPMENT

PICK-UP LIMIT CHAINS

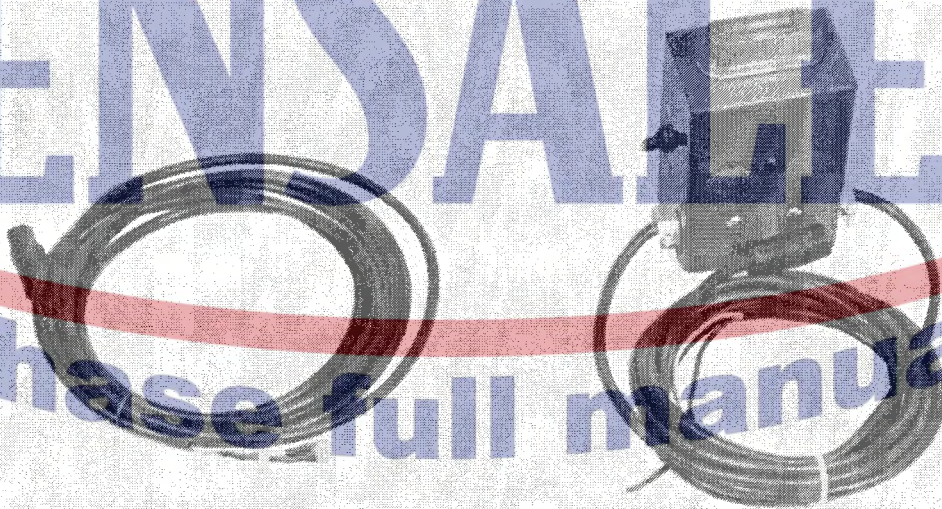
The limit chains shown at A, Figure 81, should be installed when baling crops such as straw, in very high stubble conditions. They are attached between the main frame and the pick-up to hold the pick-up in a fixed adjustable position so the gauge wheels are held above the ground. They may also be used in very rough field conditions to reduce pick-up bounce.

FULL BALE ALARM

This kit, shown in Figure 82, will fit on any 851 round baler. On a baler equipped with a manual or hydraulic wrapper, the alarm sounds when the bale has reached full size. On the Auto-Wrap units, the alarm sounds when the wrapping cycle begins.



FIGURE 81



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FIGURE 82

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