NEW HOLLAND

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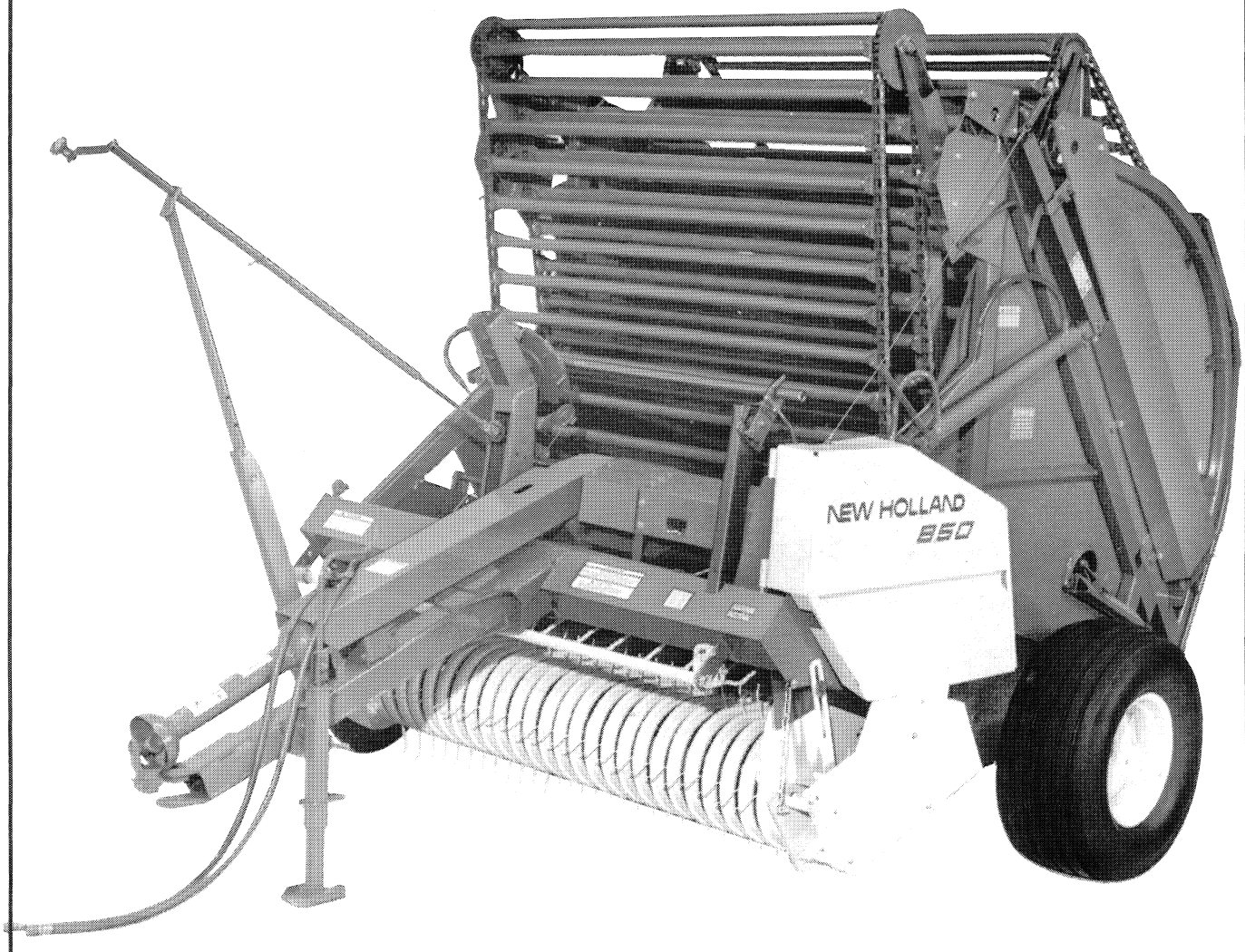
Operator's Manual

Round Baler
850

42085013



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ABOUT IMPROVEMENTS

Sperry New Holland is continually striving to improve its products, and therefore, reserves the right to make improvements or changes, when it becomes practical and possible to do so, without incurring any obligations to make changes, or additions, to the equipment sold previously.

CONTENTS

Locate a 12-volt D.C. electrical source, **either battery or starter,** and route the two-lead power cable from control box to this source.

CAUTION: BE SURE ALL WIRING IS ROUTED SO IT CANNOT BECOME DAMAGED FROM SHARP CORNERS OR MOVING PARTS. FAILURE TO DO THIS CAN RESULT IN DRAINING THE BATTERY OR SETTING THE TRACTOR ON FIRE.

The power cable may be too long for most tractors but the length is needed for some applications. Shorten the cable wires to the correct length after determining the power source location.

An assortment of terminal connectors is provided for different size connections. Make sure the connectors are crimped securely to the wires after determining the proper size needed.

Mount circuit breaker as close as possible to the "HOT" terminal of the power source. See Figure 7.

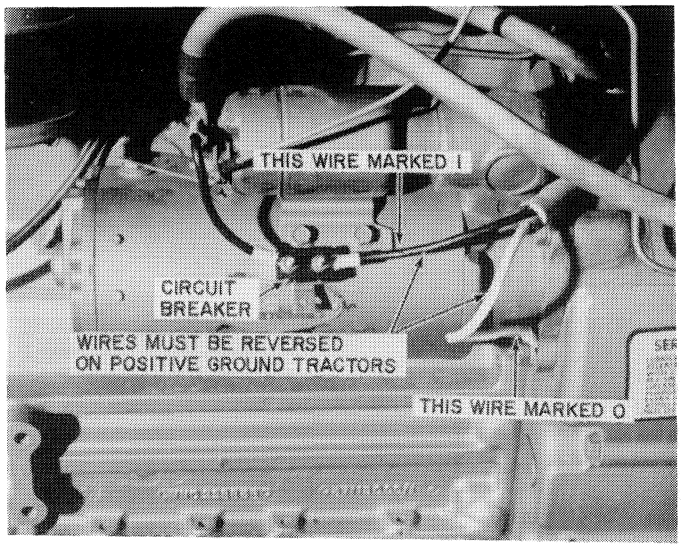

FIGURE 7

NOTE: FIGURE 7 SHOWS A TYPICAL INSTALLATION WHERE A STARTER IS USED AS THE POWER SOURCE ON A **NEGATIVE** GROUND SYSTEM. WIRES I AND O, FIGURE 7, MUST BE REVERSED ON POSITIVE GROUND TRACTORS.

IMPORTANT: IF NOT WIRED CORRECTLY, THE UNIT WILL NOT FUNCTION PROPERLY AND DAMAGE TO THE TWINE WRAPPER MAY RESULT.

NEGATIVE GROUND TRACTORS ONLY

1. Attach the short 6" (152mm) wire provided, to the circuit breaker terminal marked **battery.** Install a terminal connector to other end of wire and attach to positive (+) battery post or "HOT" terminal at starter, depending on which power source is used.
2. Attach a terminal connector to wire marked "I" and secure to the circuit breaker marked "auxiliary."
3. Attach a terminal connector to the wire marked "O" and secure to a good ground such as one of the starter mounting bolts.

POSITIVE GROUND TRACTORS ONLY

1. Attach the short 6" (152mm) wire provided to the circuit breaker terminal marked **battery.** Install a terminal connector to other end of wire and attach to negative (—) battery post or "HOT" terminal at starter, depending on which power source is used.
2. Attach a terminal connector to wire marked "O" and secure to the circuit breaker terminal marked "auxiliary."
3. Attach a terminal connector to the wire marked "I" and secure to a good ground such as one of the starter mounting bolts.

CHECK OPERATION OF ELECTRIC REMOTE CONTROL TWINE WRAPPER

Connect electrical quick coupler to female receptacle previously installed on tractor as shown in Figure 8.

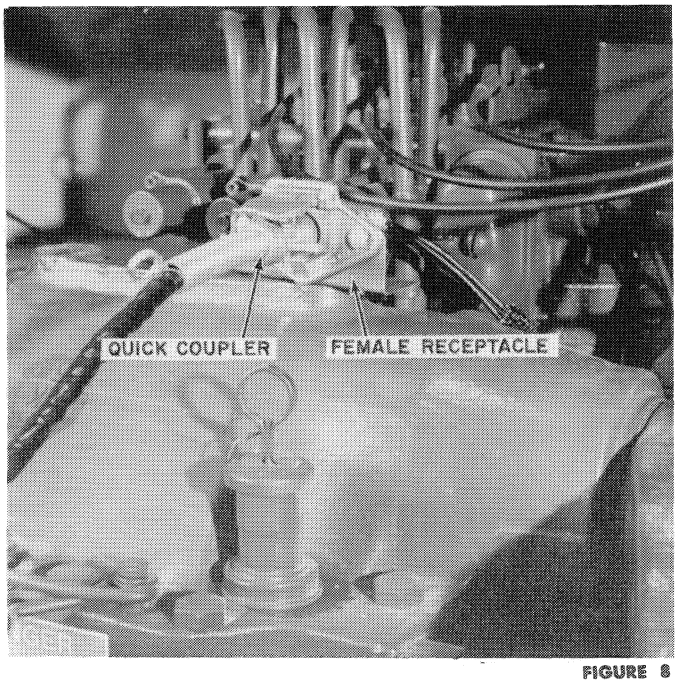

FIGURE 8

Actuate control handle, Figure 5, to move twine arm to the right side of baler. A limit switch stops the twine arm motion at the ends of

HOW THE 850 ROUND BALER FUNCTIONS

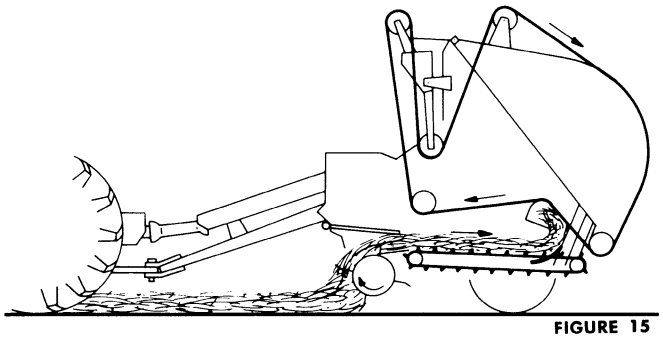

FIGURE 15

The pick-up feeds the material under the adjustable wind guard to the floor chain assemblies. The wind guard holds the material down for positive feeding. The floor chain assemblies convey the material back to the curved leaf springs which curl the material upward to the apron chain which starts to form the bale core. The core-forming cam idlers provide the cavity in which the core is formed.

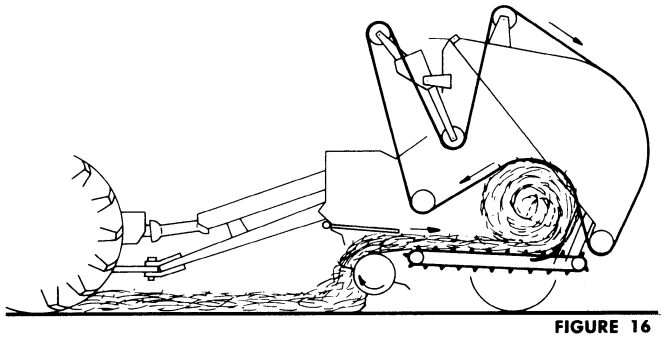

FIGURE 16

As the bale grows, the core-forming cam idlers retract, the apron chain tension pivot arms pivot counter-clockwise so that the bale chamber area expands as the bale grows. The bale tension springs apply relatively constant tension to the bale throughout the formation.

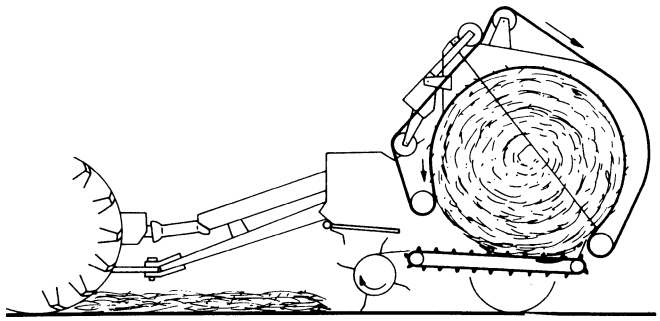

FIGURE 17

When the bale is fully formed, the operator stops the forward travel and wraps the bale with twine from the operator's seat.

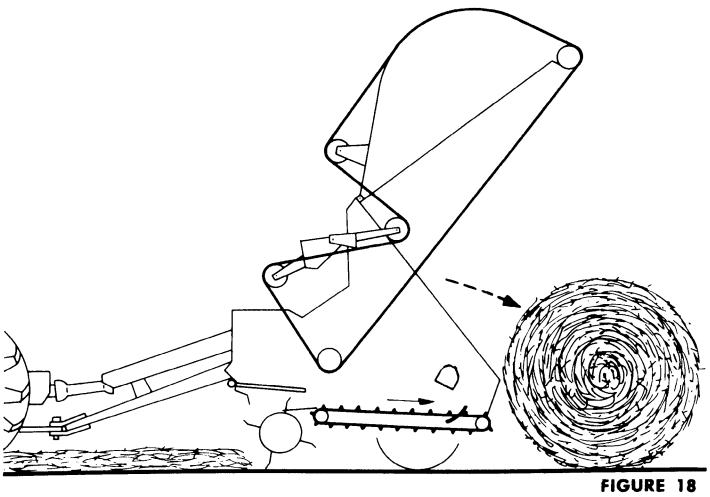

FIGURE 18

After the bale is wrapped with twine, the operator stops the P.T.O., raises the tail gate, re-engages the P.T.O. and the floor chains eject the bale out the rear of the machine. He then closes the tail gate and begins making the next bale.