Gehl

Operator's Manual

RB1450

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GE-O-RB1450

RB1450

Baler

Form No.
902889
Replaces
902753

GEHL® COMPANY

OPERATOR'S MANUAL

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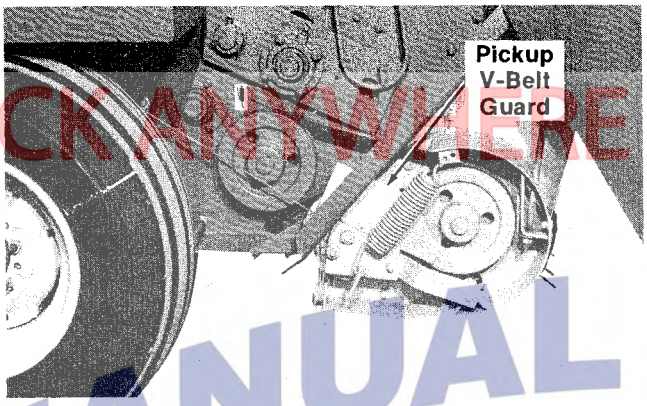

Fig. 5-9

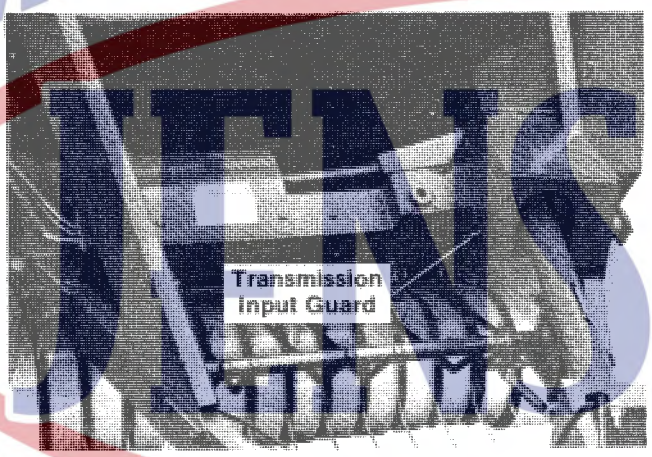

Fig. 5-10: Transmission Input Guard

Fig. 5-11

Twine Knife Guard (Fig. 5-12)

A Guard is provided on the Baler to shield the Pivoting Twine Knife. **BE SURE** that this Guard is in place and properly secured before operating the Baler.

Fig. 5-12: Twine Knife Guard

HITCHJACK (Fig. 5-13)

A Crank-adjusted Hitchjack is furnished on the RB1450 Baler to support the Baler when the tractor is disconnected and to align the Baler Tongue Hitch Clips for hookup. A Locking Pin is provided with the Jack to secure the Jack in either the "supporting" or the "transport" positions. When locked in the position illustrated, the Jack is in the "supporting" position.

WARNING: BE SURE the Locking Pin is entirely and properly inserted through both Hub holes BEFORE disconnecting the tractor. Baler Tongue weight is approximately 500 lb (227 kg).

Fig. 5-13

CHAPTER 7

ADJUSTMENTS

CAUTION: BEFORE proceeding to perform any adjustments on this unit, exercise the MANDATORY SAFETY SHUTDOWN PROCEDURE (Page 8).

AXLE HEIGHT (Fig. 7-1)

The Baler Axle height can be adjusted to two different levels by rotating the Spindle Assemblies. The factory set height illustrated, is appropriate for most normal field conditions. By rotating the Spindle Assemblies 180°, the Baler can be raised approximately 3-3/4" (95 mm). This setting may be useful when baling in soft ground conditions, to help to achieve the proper Pickup height adjustment.

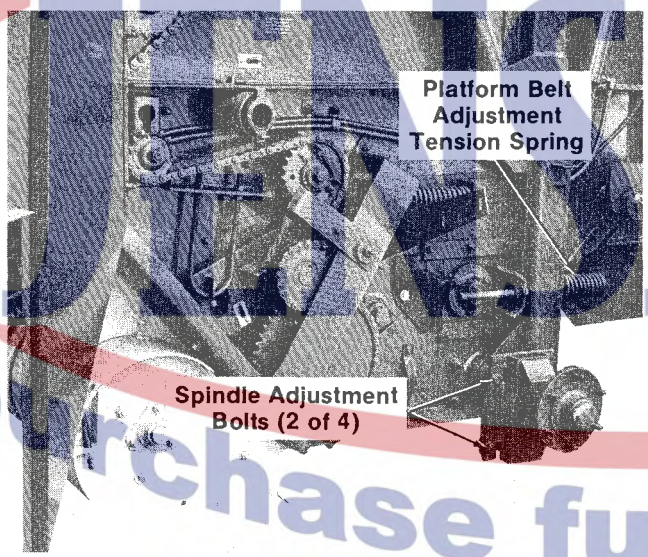

Fig. 7-1

BALE STARTER (Figs. 7-2 & 7-3)

The Bale Starter device is a set of Fingers that are located between the Upper Belts and behind the Packing Roller. They deflect material and keep it from coming out over the top of and wrapping on the Packing Roller, when starting a bale. The Fingers are part of a movable assembly which is held by Pivoting Links and positioned by an Adjustable Roller. Springs on each side of the movable assembly return the assembly to a starting position after each bale is ejected. The Adjustable Roller rides on the Upper Belts and is positioned by the bale.

Position of the Adjustable Roller will determine how long the Fingers will remain in the Bale Chamber area. The lower the Roller position, the quicker the Fingers will be retracted from the Bale Chamber area. For correct positioning of the Roller, the Fingers should be adjusted to move upward out of the way just after the bale core has started to roll.

With the above in mind, the following can be said about the Adjustable Roller in the Bale Starter:

1. The Adjustable Roller is factory set in the second lowest position. This is a good setting for most conditions. The Roller position should only be changed if difficulty in starting a bale is being experienced.
2. If material is coming forward and wrapping on the Packing Roller and causing plugging, raise the Adjustable Roller to keep the Fingers in longer.
3. For a dry brittle material, such as corn stalks, the Roller should be set in the lowest position.

NOTE: Before starting to form each new bale, look back at the Baler to make sure that the Bale Starter Springs have returned the Starter to its starting position. It is possible that material which is wedged in the Links and worn Pivot Bushings or bent linkages can cause the Starter to hang up.

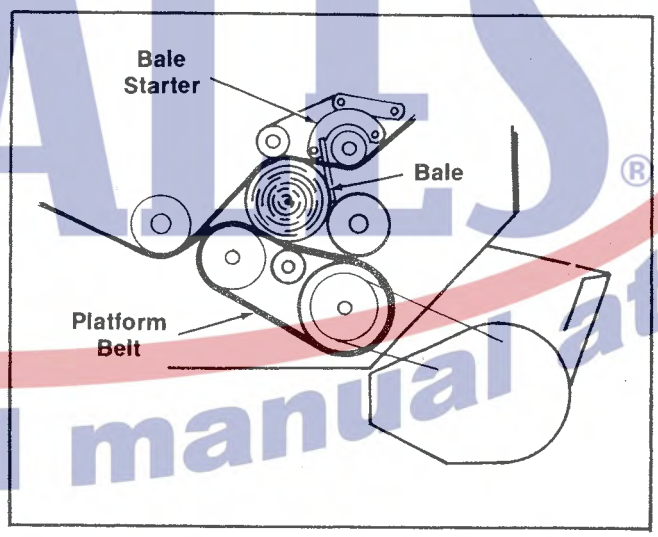

Fig. 7-2: Bale Starter

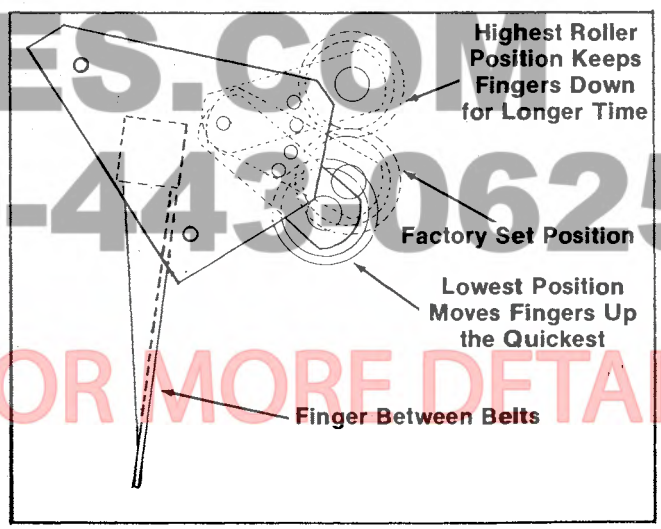

Fig. 7-3

HYDRAULIC CONNECTIONS (Figs. 10-5 & 10-6)

The Hoses (ending in 1/2" Male Pipe connections) and the Hydraulic Gate Cylinders (to which the Hoses are connected) are provided on the Baler as standard equipment. a One-way In-line Restrictor is incorporated into the Gate Cylinder Hydraulic circuit to restrict the flow of oil when the Gate Cylinders are retracted to close the Gate.

WARNING: DO NOT remove the One-way In-line Restrictor. BE SURE also that the Hydraulic circuit is properly reconnected, if ever one or both Gate Cylinders are removed for service.

If the Twine Wrapping mechanism is being operated by a Hydraulic Cylinder, another set of Hoses will be required.

NOTE: When using a Hydraulic Cylinder to control the Twine Wrapping Mechanism, the tractor MUST already have two independent hydraulic outputs or otherwise be equipped with a Dual Hydraulics Kit; refer to Optional Features & Accessories chapter of this manual.

Hoses should be routed and anchored in the front of the Baler with the Clamps provided. **BE SURE** to provide an extra length of Hose between the Pedestal Support and the tractor to prevent stretching the Hoses while turning.

NOTE: Quick-disconnect couplings for the tractor connection ends of the Hoses are to be purchased locally.

NOTE: The RB1450 is delivered already primed with Type F Automatic Transmission Fluid. This should be changed if incompatible with tractor hydraulic fluid. BE CAREFUL when handling the Hoses and fitting to insure that they are kept free of dirt and contamination to avoid damage to the Baler and/or tractor hydraulic system.

Fig. 10-5: Tractor Hydraulic Connections (Including Hydraulic Cylinder for Twine Wrapping Mechanism)

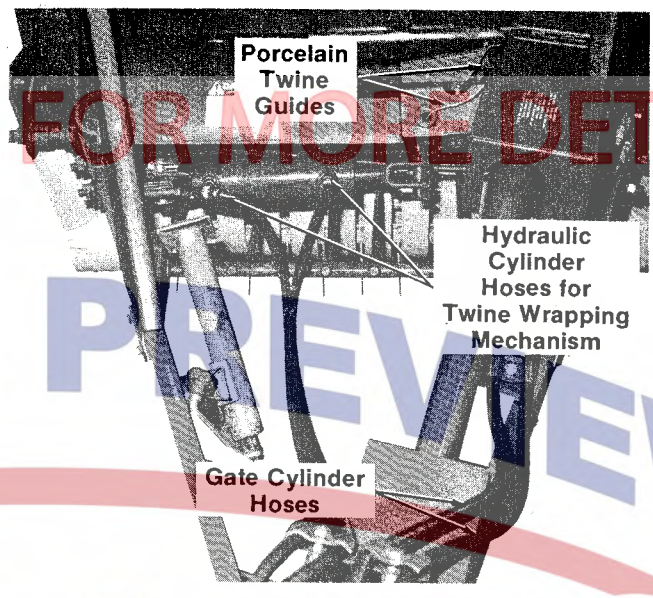

Fig. 10-6

TWINE ROUTING (Figs. 10-6 & 10-7)

A piece of Wire is supplied in the Baler Twinebox for threading the Twine through the section of Protective Tubing and through the Twine Tube itself. After making the appropriate Twine routing in the Twinebox, draw the Twine out through the Twine Brake.

Then, take the Wire and pass it through the section of Protective Tubing. Make a hook on the end of the Wire next to the Twinebox and attach the Twine to the Wire. Pull the Wire and Twine through the section of Protective Tubing. Then, route the Twine through the two Insulators as shown. In the same manner, pull the Wire and Twine through the Twine Tube.

After the Twine is through the Tubes, pull some Twine out of the Twine Tube to make sure that it does **NOT** hang-up. Cut off any excess Twine, extending beyond the Twine Tube farther than 8" (203 mm). Place the Wire back into storage in the Twinebox.

Fig. 10-7

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