

Forming Belts

FORMING BELT TENSION RELEASE

Release the tension on the forming belts before doing the following:

- Replacing a forming belt.
- Repairing or installing a splice in a forming belt. For easy access, stop the forming belt so the splice is either at the front or rear of the baler.
- Storing the baler.
- Servicing rolls or roll bearings.

FIGS. 1–2: To release the forming belt tension:

Disengage the PTO.

Stop the tractor engine, and take the key with you.

Turn the knob on the pressure release valve (1) counterclockwise until the pressure on the pressure gauge (2) is 0 kPa (0 psi).

NOTE: The standard baler control valve is shown. The automatic baler control valve is similar.

Close the pressure release valve before baling.

On automatic balers, tension will be applied to the forming belts when the PTO is ran.

On standard balers, move the tractor remote lever for the tailgate to apply tension to the forming belts.

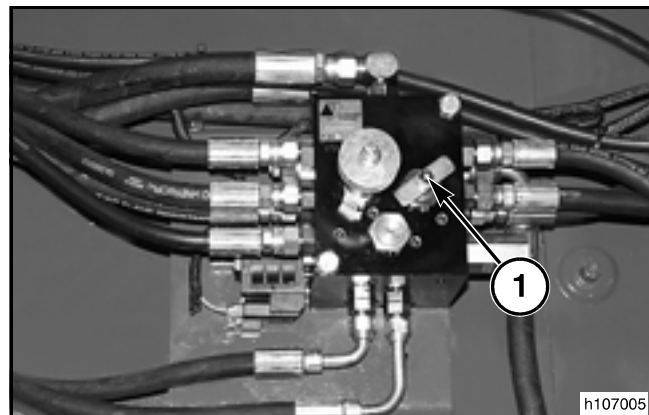


FIG. 1



FIG. 2

FORMING BELT REPLACEMENT

Do not install forming belts together that have a difference in length of more than 63.5 mm (2-1/2 in). Shorten or lengthen forming belts as necessary to be the same length. To lengthen a forming belt, splice in a section of belt that is the same as the original belt.

IMPORTANT: Always replace or repair forming belts with belt of the same material, construction and lacing design.

FIG. 3: To replace a forming belt do the following:

Make sure that there is not a bale in the bale chamber.

Release the tension on the forming belts. See Forming Belt Tension Release on page 2 in this section.

Measure at least one forming belt and check the length against the new forming belt to be installed.

Remove the lacing pin (1) from the old forming belt.

NOTE: Turning the pin one quarter of a turn with a pliers will help remove the pin.

Connect the pulled (2) end of a new forming belt to the pulling end (3) on the old forming belt. (The pulling end has a square cut end and the pulled end has the corners cut at an angle). Make sure the surface pattern is facing outward and will be against the bale.

Close the pressure release valve by turning the knob all the way clockwise. See Forming Belt Tension Release in this section.

Run the baler slowly to thread the new forming belt into the baler.

When the new forming belt has been routed through to the correct position:

- Release the tension on the forming belts. See the Forming Belt Tension Release in this section.
- Disconnect the old forming belt from the new forming belt.
- Align the ends of the new forming belt and insert a new lacing pin to hold the ends together. Make sure the edges of the belts align (4).
- Close the pressure release valve by turning the knob all the way clockwise.

Pressurize the belt tension system before baling.

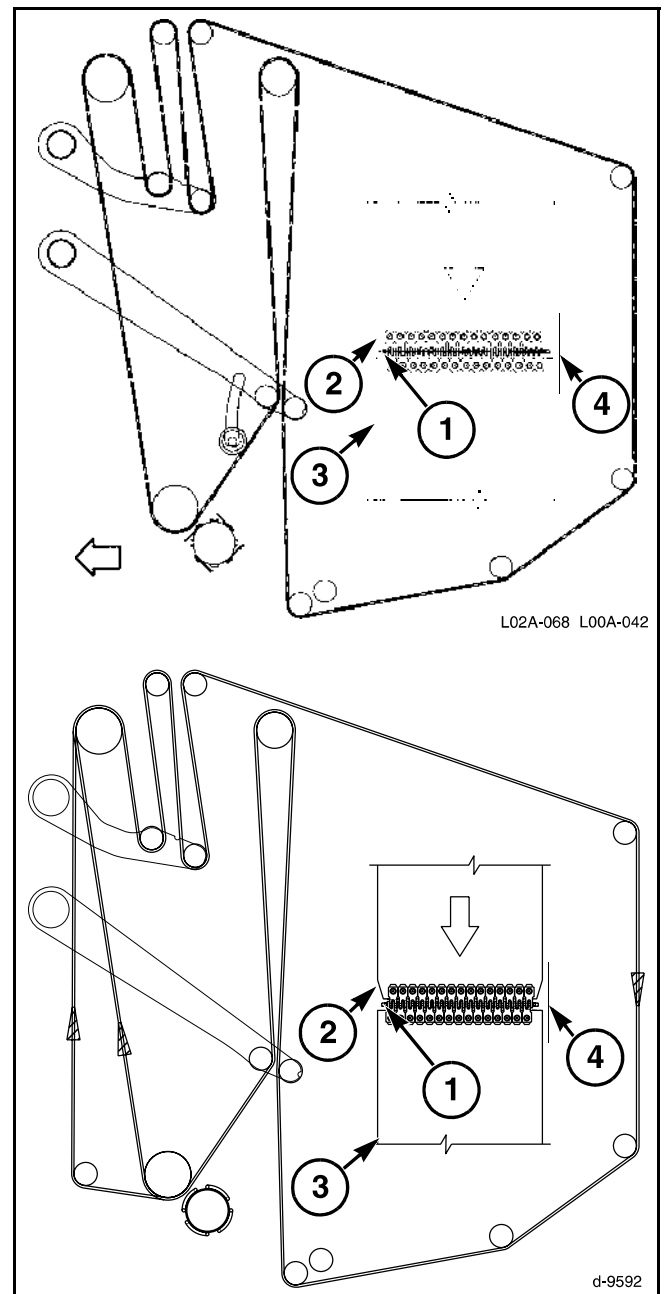


FIG. 3