

Engineering Services

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MODEL: 970H-15S
970H-15B

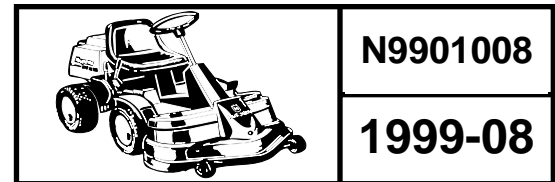
SUBJECT: Primary Deck Belt Being Thrown Off

ACTION REQUIRED:

This problem may be caused by a misalignment between the front pulley on the cutting deck, and the idler pulleys on the frame. This could cause the belt to be thrown or damaged, and the idler pulleys could become damaged as well.

To prevent this, determine if the unit you are working on has a misalignment of the belt. With the unit switched off and the mower deck lowered to the cutting position, remove the front cover to expose the belts and pulleys of the cutting deck. Visually inspect the primary deck drive belt alignment between the front pulley on the deck and the idler pulleys on the frame. If alignment is good, reassemble cover and you are finished. If the belt is not positioned in the center, or near center, of the idler pulleys then you will need to modify the spacer by following the steps below.

- 1) Remove the screw and washer securing the front pulley.
- 2) Remove pulley and spacer.
- 3) The existing spacer must be cut into two pieces the proper length.
Measure and mark the the spacer 3/8" from one end. Using a hack saw or band saw, cut the spacer into two pieces and file the edges to remove burrs. The short piece should now be 3/8" long (+/- 1/8").



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- 4) Assemble the longer of the two spacers onto the arbor first, followed by the pulley, and then the shorter 3/8" spacer.
- 5) Reassemble and tighten the screw and washer, and reassemble the front cover.
- 6) Finish by starting and testing the unit to ensure that it is functioning properly.

If you have difficulty modifying the spacer as described above, please call 1-800-GET-SAWS to speak with one of our Engineering Technicians.