

# *Gilson* BROTHERS COMPANY

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December 19, 1978

## Service Bulletin #121

Subject: Belt Comes Off Auger Pulley On 2 HP Snowthrower  
(New Belt Finger #209486)

Models: 1850 - 55129 - 55130 - 55179 - 35250 - GIS 7504A97 -  
09GN5139 - 09GN5140

We have received reports that the belt is coming off the auger drive pulley. Investigation of the problem resulted in finding the following reasons:

1. Improper clutch cable tension. The cable should be slack but not sagging. Change adjustment by hooking 2nd - 3rd or 4th link of chain to spring to obtain proper tension (refer fig. 1).
2. Engine pulley belt guides improperly positioned. The belt guides should be parallel to, and clear the back of belt when belt is engaged.
3. Sudden release of clutch lever causes fast braking action to belt resulting in belt folding and coming off auger pulley. Correction procedure is to install an additional new design belt finger number 209486 at the brake-idler arm pivot nut.
  - a) Remove the 5/16-18 hex cone nut and flat washer (discard flat washer).
  - b) Mount number 209486 belt finger in place of flat washer and install cone nut removed above.
  - c) Tighten cone nut while holding leg of belt finger parallel to back of belt, when belt is engaged. The belt finger should clear the back of the belt when belt is engaged (refer fig. 2).

**OUTDOOR POWER EQUIPMENT**

PLANTS AT: MISSISSAUGA, ONT., STATESVILLE, N.C., FREDONIA AND PLYMOUTH, WIS.



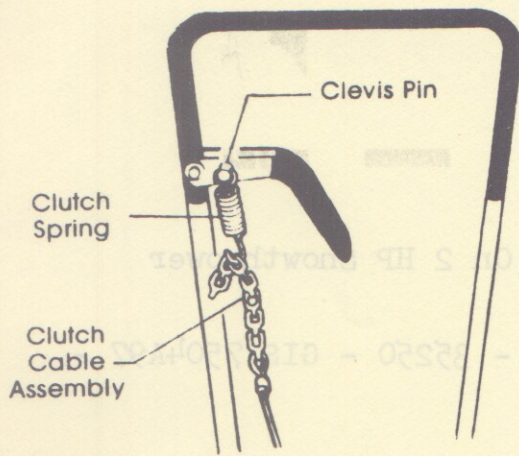


FIG. 1

**NEW BELT FINGER  
(MOUNT PARALLEL TO BELT)**

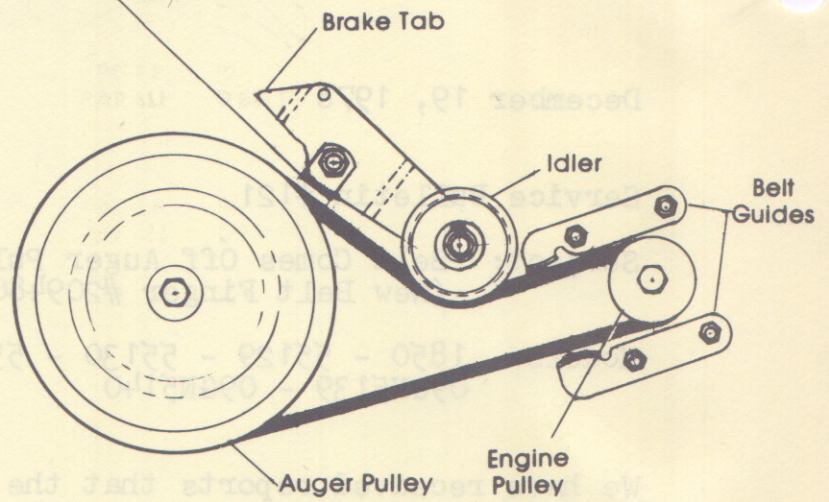


FIG. 2

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