

SB (Service Bulletin)

2014 Dual Stage Snow Thrower with Belt Wear

Date of Bulletin: 2015-02

Description/Background:

Husqvarna has received reports of premature belt wear on dual stage snow throwers. While all dual stage models made in 2014 are included in this bulletin, not all units may experience premature belt wear.

Known contributors to premature belt wear are listed below. Check each (1 through 5) to verify one of these conditions exist:

1. Top belt keeper is touching belt when unit is engaged
2. Incorrect belt routing
3. Idler arm is in contact with engine pulley
4. Surface of pulley's v-groove is not smooth
5. Auger cable is too tight

Affected models: All Dual Stage Snow Throwers:

Part Number	Model Name	Brand
96191009200	ST2368 EP	JONSERED
96191009300	ST2376 EP	JONSERED
96191009400	ST2361	JONSERED
96192007501	ST2361 EP	JONSERED
96192007601	ST2368 EP	JONSERED
96192007701	ST2376 EP	JONSERED
96192008100	ST2361	JONSERED
96191006001	ST 76EP	MCCULLOCH
96191006201	ST 61	MCCULLOCH
96191006301	ST 61E	MCCULLOCH
96191006501	ST 68EP	MCCULLOCH
96192008700	PA5524	PARTON
96192008800	PA6527ES	PARTON
96192008900	PA10530ES	PARTON
96192006701	PR240	POULAN PRO
96192006801	PR270	POULAN PRO
96192007101	PR300	POULAN PRO
96192007301	PR271	POULAN PRO
96192008000	PR305ES	POULAN PRO
96192008600	PR241	POULAN PRO
96198006400	PR242	POULAN PRO
96198006500	PR270L	POULAN PRO
96198006600	PR300L	POULAN PRO

Part Number	Model Name	Brand
96191008200	ST 324P	HUSQVARNA
96191008300	ST 327P	HUSQVARNA
96191008400	ST 327T	HUSQVARNA
96191008500	ST 330P	HUSQVARNA
96191008600	ST 330T	HUSQVARNA
96191008700	ST 224	HUSQVARNA
96191008800	ST 227P	HUSQVARNA
96191009000	ST 230P	HUSQVARNA
96193009101	ST 324P	HUSQVARNA
96193009201	ST 327P	HUSQVARNA
96193009301	ST 327T	HUSQVARNA
96193009401	ST 330P	HUSQVARNA
96193009501	ST 330T	HUSQVARNA
96193009601	ST 224	HUSQVARNA
96193009701	ST 227P	HUSQVARNA
96193010101	ST 230P	HUSQVARNA

Affected Serial Number(s):

Units built during 2014.

For example, serial numbers with "14" the bolded area: 0911**14**M001934

Action To Be Taken:

1. Check for presence of both the bottom belt keeper (near impeller pulley) and top belt keeper (near engine). The top belt keeper should not touch the belt and allow at least 1/16" clearance when auger lever is engaged. If needed, adjust the top belt keeper position to allow 1/16" clearance from belt.

Bottom Belt Keeper



Top Belt Keeper



Alternate view of belt keeper gap



2. Check that the belt is routed in the correct position around the pulleys.



3. Check that the idler arm is not in contact with engine pulley. Replace the idler arm and bushing, if needed.

Bad - too close to pulley/belt



Good – note the large gap



4. Remove the belt and check the surface of the pulley's v-groove. If the v-groove surface is rough to the touch or if there are grooves, polish the engine pulley by carefully touching a steel wool grade 00 pad (such as a Scotch-Brite Ultra Fine pad) to the surface of the pulley's v-groove while the engine is running. Install new belt.

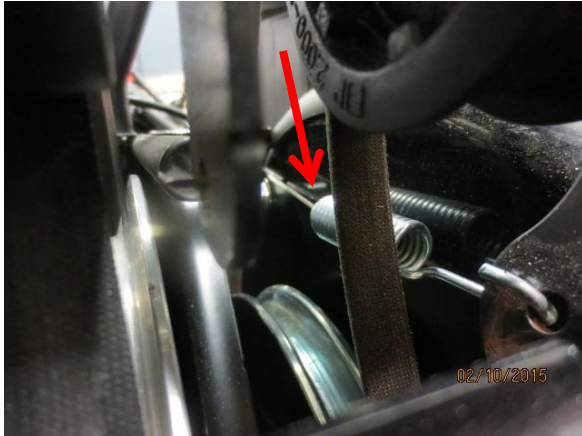


Before polishing – rough surface near top of pulley



After – shiny and smooth v-groove surface

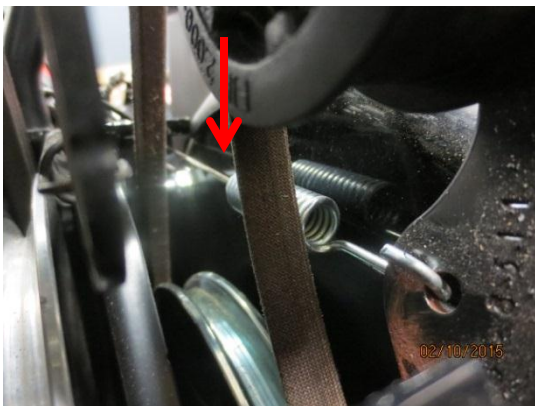
5. Check the auger cable. If the unit engages without pressing levers, the auger cable is too tight. Adjust the auger cable out to decrease tension.



(Correct) Note the slight sag in the auger cable and spring. There should be very slight sag to prevent the return spring from stretching.



(Correct) The return spring should be fully retracted as shown. If this spring is extended, this can begin to release the impeller brake.



(Incorrect) The auger cable has no slack – The spring is starting to extend. This is too tight.



(Incorrect) The brake arm return spring is starting to stretch. This will reduce braking force.

Warranty Reporting

Perform service/update through warranty process using this information:

Component code:	802
Defect code:	92
Text:	Reference SB# B1500013
Time units (6 minutes):	3 units
Affected market(s):	All

Notes

Should an update to production part(s) occur in the future, this bulletin will be updated with relevant information.

Revision history

02-2015	Created Service Bulletin B1500013
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