

## **Service Bulletin**

**Date: August 2015**

**Brands: Husqvarna, Poulan Pro, Jonsered, Parton, McCulloch**

**Product: 2014 Dual Stage Snow Throwers**

**Dates Produced: All 2014**

### Warranty Reporting

Perform service/update through warranty process using only this information:

Component code:	<b>816 – Pulley / Guide wheel</b>
Defect code:	<b>92 – Part exchanged on request by Husqvarna</b>
Warranty type:	If unit has been sold to a customer use <b>1 – warranty</b> If unit has <u>not</u> been sold to customer use <b>04 – requested by factory</b>
Text:	Reference <b>SB# B1500013rev2</b>
Time units (6 minutes):	3 units
Affected market(s):	All

### 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. This bulletin involves the following:

1. Replace engine pulley
2. Check belt routing
3. Check that top belt keeper and bottom belt keeper are providing appropriate clearance from belt
4. Check idler arm position
5. Check belt tension
6. Mark unit complete

Affected Models/Serial Numbers:

Part Number	Model Name	Brand
96191009400	ST 2361	JONSERED
96192008100	ST 2361	JONSERED
96192007501	ST 2361 EP	JONSERED
96192007601	ST 2368 EP	JONSERED
96191009200	ST 2368 EP	JONSERED
96191009300	ST 2376 EP	JONSERED
96192007701	ST 2376 EP	JONSERED
96191006201	ST 61	MCCULLOCH
96191006301	ST 61E	MCCULLOCH
96191006501	ST 68EP	MCCULLOCH
96191006001	ST 76EP	MCCULLOCH
96192008900	PA10530ES	PARTON
96192008700	PA5524	PARTON
96192008800	PA6527ES	PARTON
96192006701	PR240	POULAN PRO
96192008600	PR241	POULAN PRO
96192008601	PR241	POULAN PRO
96198006400	PR242	POULAN PRO
96192006801	PR270	POULAN PRO
96198006500	PR270L	POULAN PRO
96192007301	PR271	POULAN PRO
96192007101	PR300	POULAN PRO
96198006600	PR300L	POULAN PRO
96192008000	PR305ES	POULAN PRO

Part Number	Model Name	Brand
96191008700	ST 224	HUSQVARNA
96193009601	ST 224	HUSQVARNA
96191008800	ST 227P	HUSQVARNA
96193009701	ST 227P	HUSQVARNA
96191009000	ST 230P	HUSQVARNA
96193010101	ST 230P	HUSQVARNA

Affected Serial Number(s): Units built during 2014, with Serial Number Range 010114M00XXXX to 123114M00XXXX

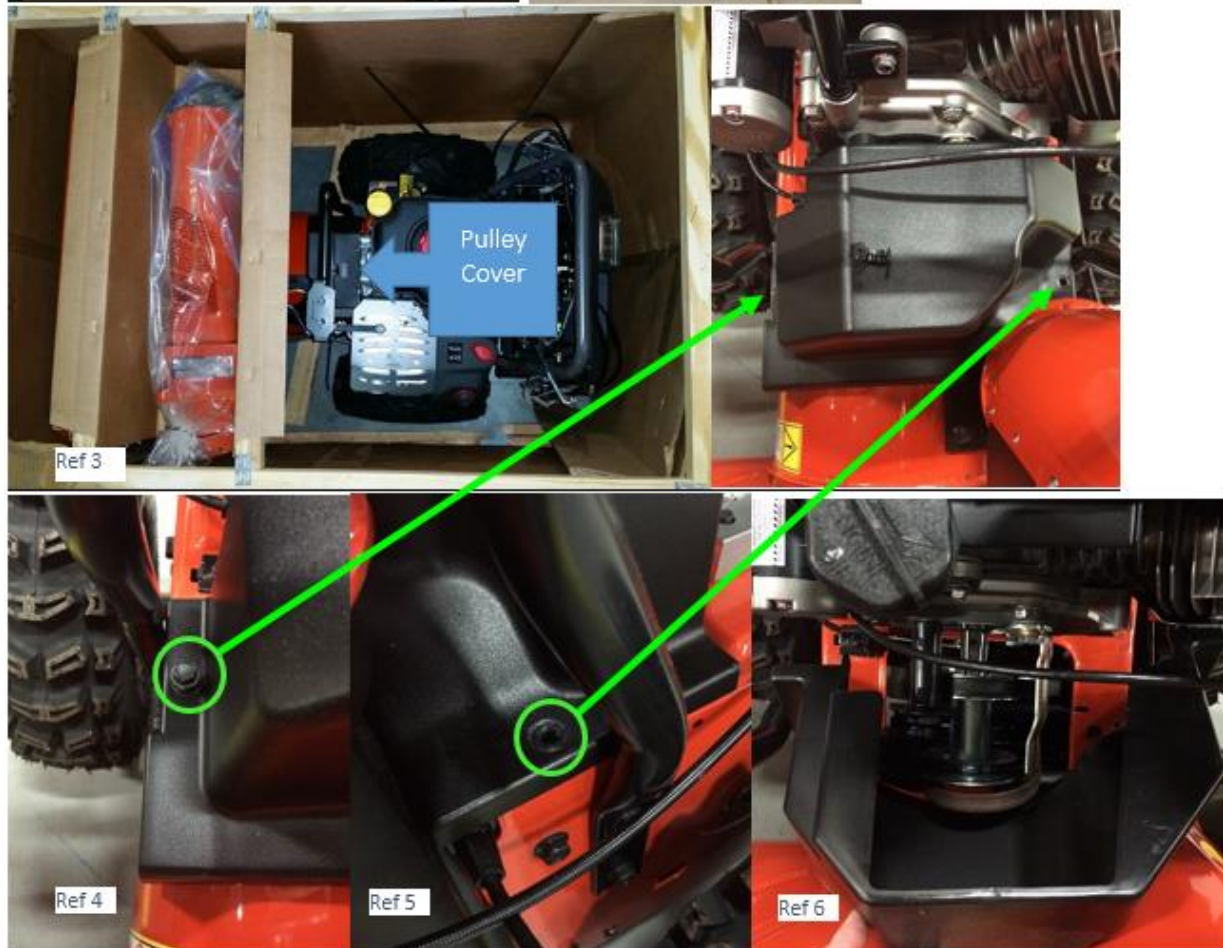
Parts Ordering Information:

**587893703** – new engine pulley

Opening Carton:



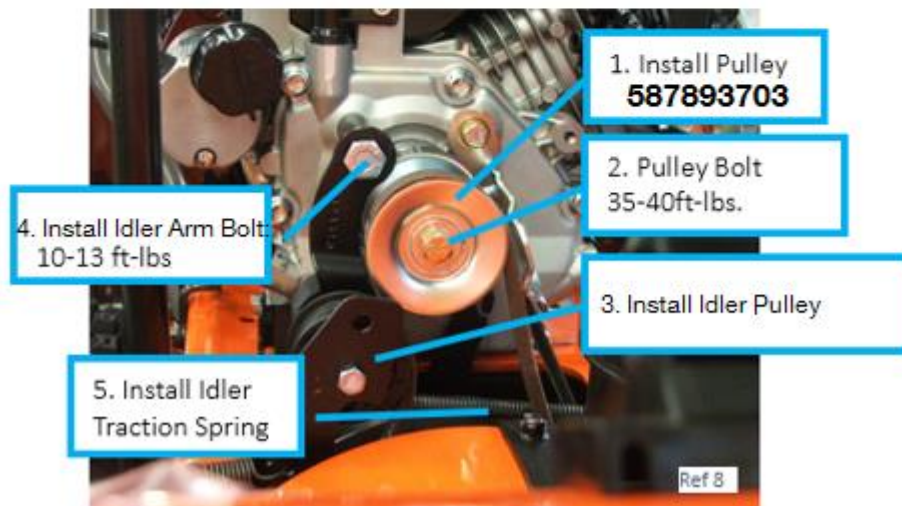
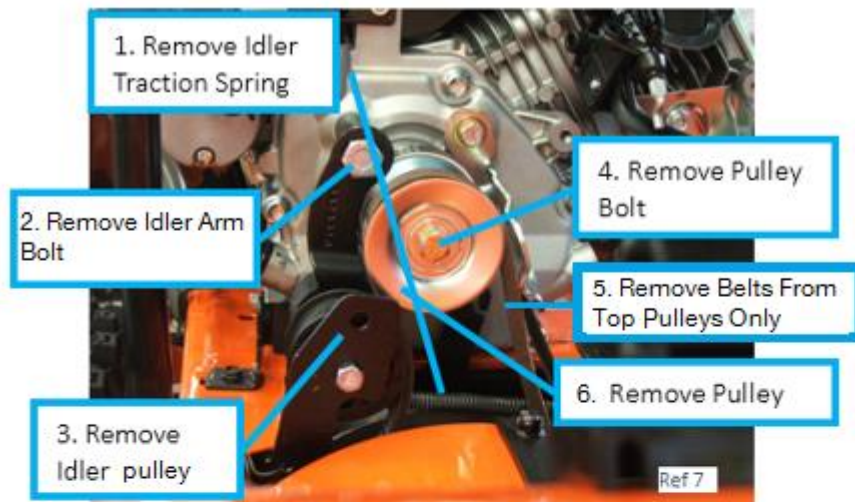
Open the top flaps to access the snow thrower (Ref 1). Unit can be accessed after folding back the two top flaps, and the "front" marked flap (Ref 2, 3). Pulley cover will need to be removed to access pulleys. Remove the two screws holding the pulley cover as indicated by green arrows (ref 4, 5). Pulley cover can be lifted off for access to pulleys to complete rework (ref 6)



Actions to Be Taken:

**1. Replace Engine Pulley**

Remove old pulley and replace with new pulley (Reference Part Number for new engine pulley: **587893703**). Belts must be removed and reinstalled onto new pulley. Be careful not to roll the belts nor damage them when removing or installing them over pulley flanges.



Note:

10-13 ft-lbs is 14-18 N-m

35-40 ft-lbs is 47-54 N-m

## 2. Check belt routing

Check that (2) belts are routed around upper and lower pulleys at drive and idler pulleys. See Ref 9 and Ref 10.



## 3. Check top and bottom belt keepers

Check the impeller belt is seated in pulley groove between pulley and keeper (Ref 11, 12). The top belt keeper should not touch the belt when auger lever is engaged, and provide clearance of 0.0" to 0.090" (0mm to 2.3mm). If needed, bend the top belt keeper to allow for proper clearance (Ref 13, page 6).

### Bottom belt keeper



Top Belt Keeper



**4. Check idler arm position**

Verify that the belt is riding near center of idler pulley and does not contact outer flanges of pulley (Ref. 14).



## 5. Check belt tension

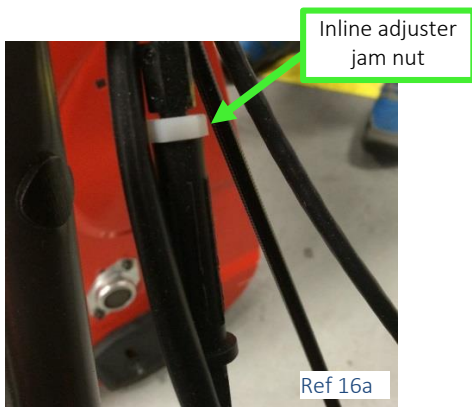
To check belt tension, verify there is no slack in the cable with auger control disengaged. The cable must have all free travel removed but not stretch the spring. (Ref. 15a and 15b)

### Auger cable spring



### Auger cable adjustment

Adjust cable tension with inline adjuster located on the right side of operator control handle. Loosen white jam nut of cable inline adjuster. Hold one side of the adjuster while turning the other side. This lengthens or shortens the cable. Adjust until cable tension is correct (Figs. 16a and 16b). Tighten jam nut.



**6. Mark unit complete**

Replace cover that was removed for access (Ref 6). Install and tighten bolts to secure (Ref 4, 5). If unit is still in outer packaging, close and secure shipping carton. Mark the outer label of the shipping carton with project number "15-02". (Ref 17).

File warranty claim according to information on page 1.



Revision history

02-2015	Rev1 – Created Service Bulletin B1500013
07-2015	Rev2 – Replaced buffing of pulley with replacement of pulley